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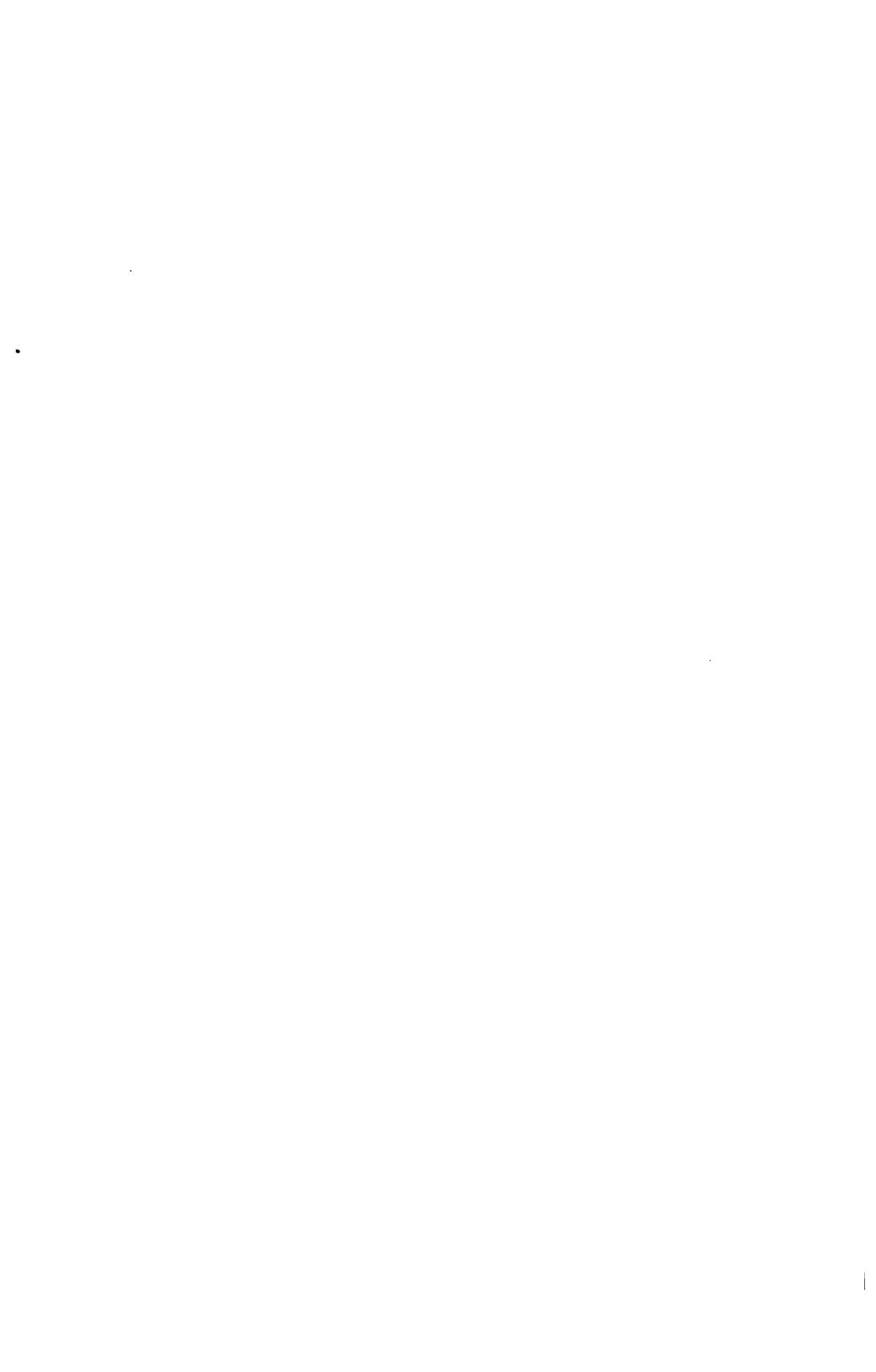
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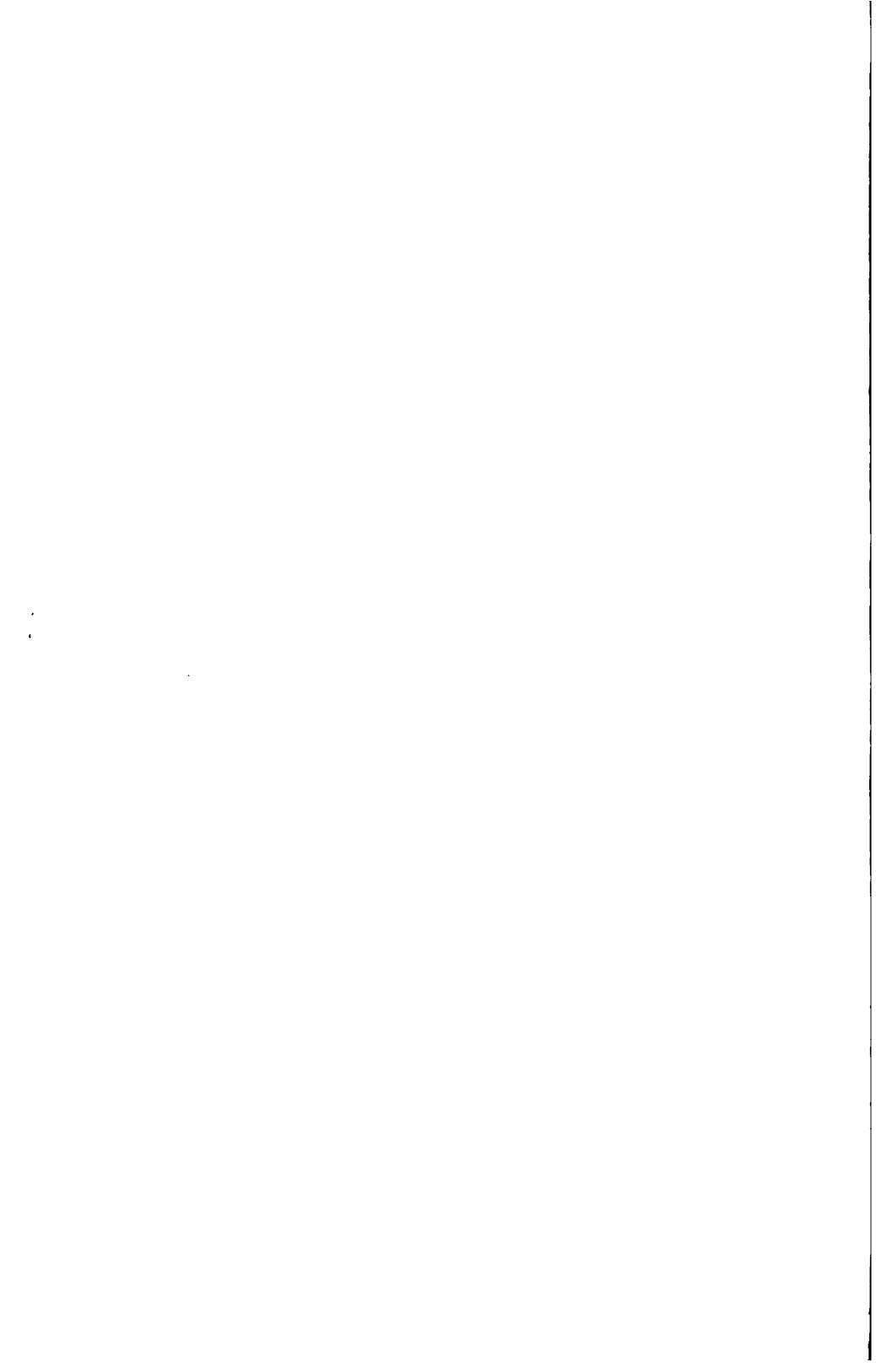
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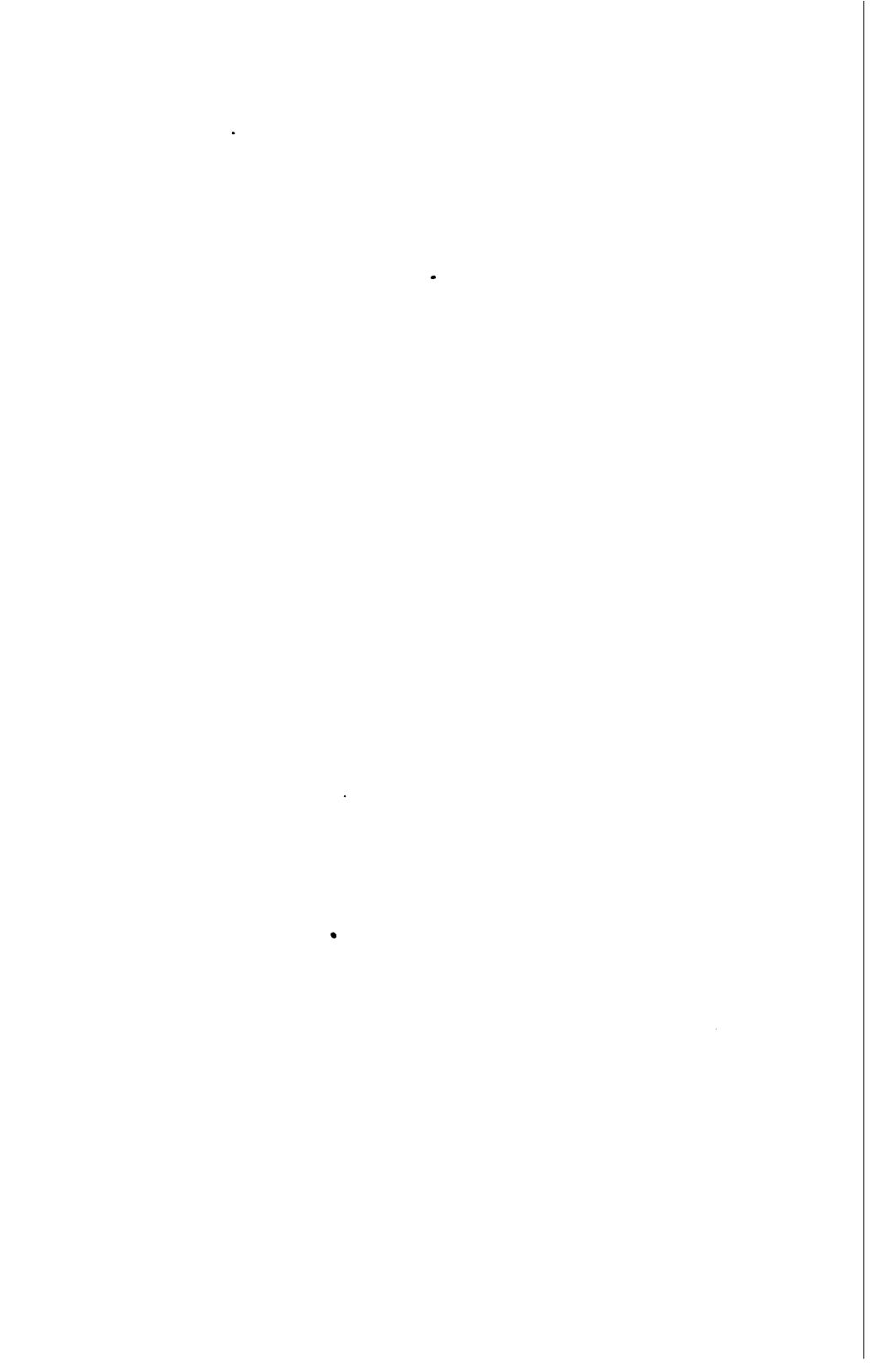
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FIFTH ANNUAL REPORT
COMMISSIONERS
OF
PARKS AND BOULEVARDS
CITY OF DETROIT,
FOR THE YEAR 1893.

• • •





G. S. Ingree
Mayor

FIFTH ANNUAL REPORT

OF THE

Commissioners of Parks and Boulevards

TO THE

COMMON COUNCIL OF THE CITY OF DETROIT,

FOR THE YEAR 1893.

TOGETHER WITH

A HISTORICAL SKETCH OF BELLE ISLE,

BY CLARENCE M. BURTON, ESQ.

DETROIT:

John F. Eby & Co., Printers.

1894.

88877

Commissioners of Parks and Boulevards.

	TERM EXPIRES.
JAMES E. SCRIPPS,	May 31, 1894.
FRED GUENTHER,	May 31, 1895.
GEORGE C. WETHERBEE,	May 31, 1896.
CHARLES K. LATHAM,	May 31, 1897.

Officers.

JAMES E. SCRIPPS,	President.
GEORGE C. WETHERBEE,	Vice-President.
WM. H. CHRISTIAN,	Secretary.
ANTON EKSTROM,	General Superintendent.

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FIFTH ANNUAL REPORT
OF THE
COMMISSIONERS OF PARKS AND BOULEVARDS.

To the Honorable The Common Council:

The Board of Park and Boulevard Commissioners, at the beginning of the past calendar year, consisted of Wm. Livingstone, Jr., William K. Parcher, Fred Guenther, and James E. Scripps. Mr. Parcher, whose term expired on May 31, was succeeded by Charles K. Latham. Mr. Livingstone, resigning on November 29, was succeeded on January 10, 1894, by George C. Wetherbee.

The city property under the control of the Board has been :

Belle Isle Park.....	675 to 700 acres.
(According to the stage of water in the Detroit River.)	
Clark Park.....	24.731 "
Medbury Park.....	8.260 "
Grand Circus Park.....	5.566 "
Cass Park	4.966 "
Adelaide Campau Park.....	1.199 "
Clinton Park.....	1.068 "
Crawford Park746 "
Elton Park.....	.740 "
West Park.....	.740 "
Stanton Park695 "
Macomb Park.....	.557 "
North Park.....	.448 "
City Hall Grounds.....	.470 "
Opera House Lawn.....	.174 "

Also, 11.4 miles of Boulevard, varying from 150 to 200 feet in width.

During the year the following new parks were acquired by the City by gift :

On December 30, 1892, the Owen Park, embracing 3.90 acres lying between Jefferson avenue and the river bank, $3\frac{1}{4}$ miles east from Woodward avenue. This was the gift of the heirs of the late John Owen and those of James Burns, and the condition attending the transfer was that the City should spend on it \$1,000 per year for the first three years, and thereafter \$500 per year for fifteen years.

On June 13, 1893, Perrien Park, a tract of 4.58 acres, bounded by Warren, Hancock, Chene and Grandy avenues, the gift of Joseph Perrien. The condition of this gift was that \$500 should be expended annually upon it for five years.

At the close of the year, Recreation Park, a tract 908 feet long by 60 feet wide, lying in the center of Brush street, between Brady street and Alexandrine avenue, was accepted by the City from the trustees of the Brush Estate. It embraces 1.25 acres, and the sole condition attending its transfer is that the City shall suitably improve and maintain it.

About the same time Hon. Thomas W. Palmer entered into an agreement to convey to the City a tract of about 120 acres extending westward from Woodward avenue, six miles out from the City Hall, to be used for park purposes. This Park is to be known as the Witherell Woods and Merrill Plaisance, and the sole condition of the gift is that the City shall furnish proper police protection for the property.

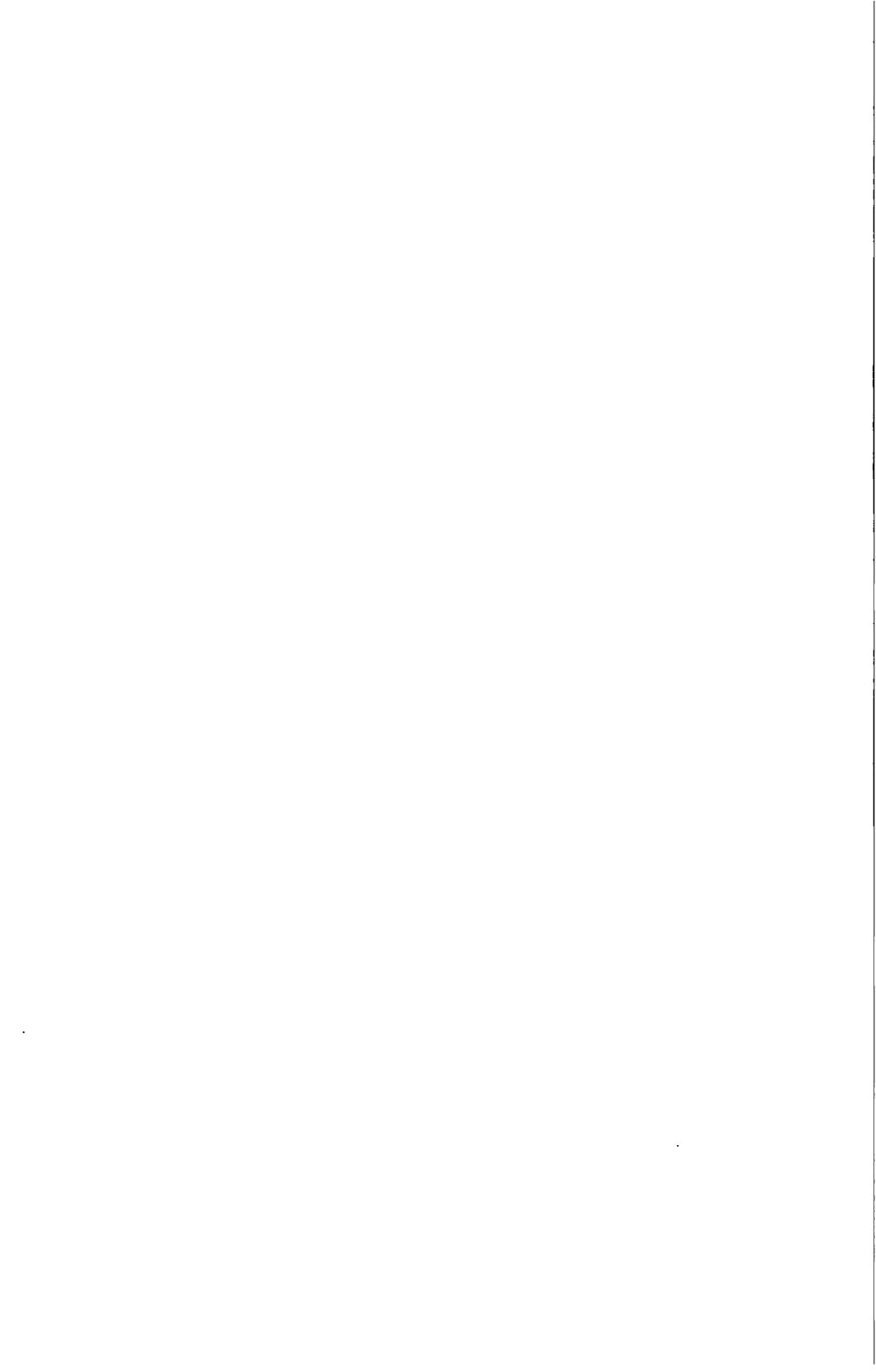
In addition to this, Capitol Square, the former site of the High School, has recently been turned over to the care of the Board by the Common Council.

Permanent improvements have been made during the year as follows :

The Boulevard paving has been completed from Mack road north to Sargent street, a distance of 2.48 miles, the

VIEW ON THE BOULEVARD.





contract having been let and partially executed in 1892. The double roadway has been completed between Woodward and Grand River avenues, a contract also begun in the previous year; and by a new contract, the paving has been extended southward from Grand River avenue to Buchanan street. This last section, of nearly a mile and a half, would have been entirely completed within the year but for the delay in the selling of the city bonds and consequent exhaustion of the paving fund, caused by the money panic of the past summer. On all this paving there has been expended \$181,457.39.

Lawns have been graded and seeded along the paved portions of the Boulevard to the extent of 42.063 acres, and trees have been planted upon same. This has cost with the necessary water connections \$13,794.32.

Medbury Park has been graded and seeded, planted with trees, and water introduced, at a cost of \$1,380.40.

In Clark Park a permanent toilet pavilion has been built, at a cost of \$3,922.17.

The Belle Isle Bridge approach has been improved by the laying of stone sidewalks, and grading and planting the lawns, at a cost of \$1,414.81.

A ten-inch iron water pipe has been laid across the Detroit River, for the purpose of conveying water from the city mains to Belle Isle Park. This has not yet been accepted or paid for, pending a test of its perfect construction.

On Belle Isle, two steel bridges have been constructed across the loop canal, at a cost of \$18,716.68.

The previously impenetrable and mosquito-breeding marsh at the northeast corner of the island, has been improved by the excavation of a lake of about thirty acres, and the employment of the earth taken from the same for the raising of the level of the ground around it. This important improvement has cost \$56,444.32.

A road around the outer edge of the former marsh has been partially constructed, which, with other roads and paths on the island, and a supply of gravel sufficient to complete the unfinished work, has cost \$15,509.34.

For other permanent improvements \$6,722.66 has been expended, making the total \$298,140.24.

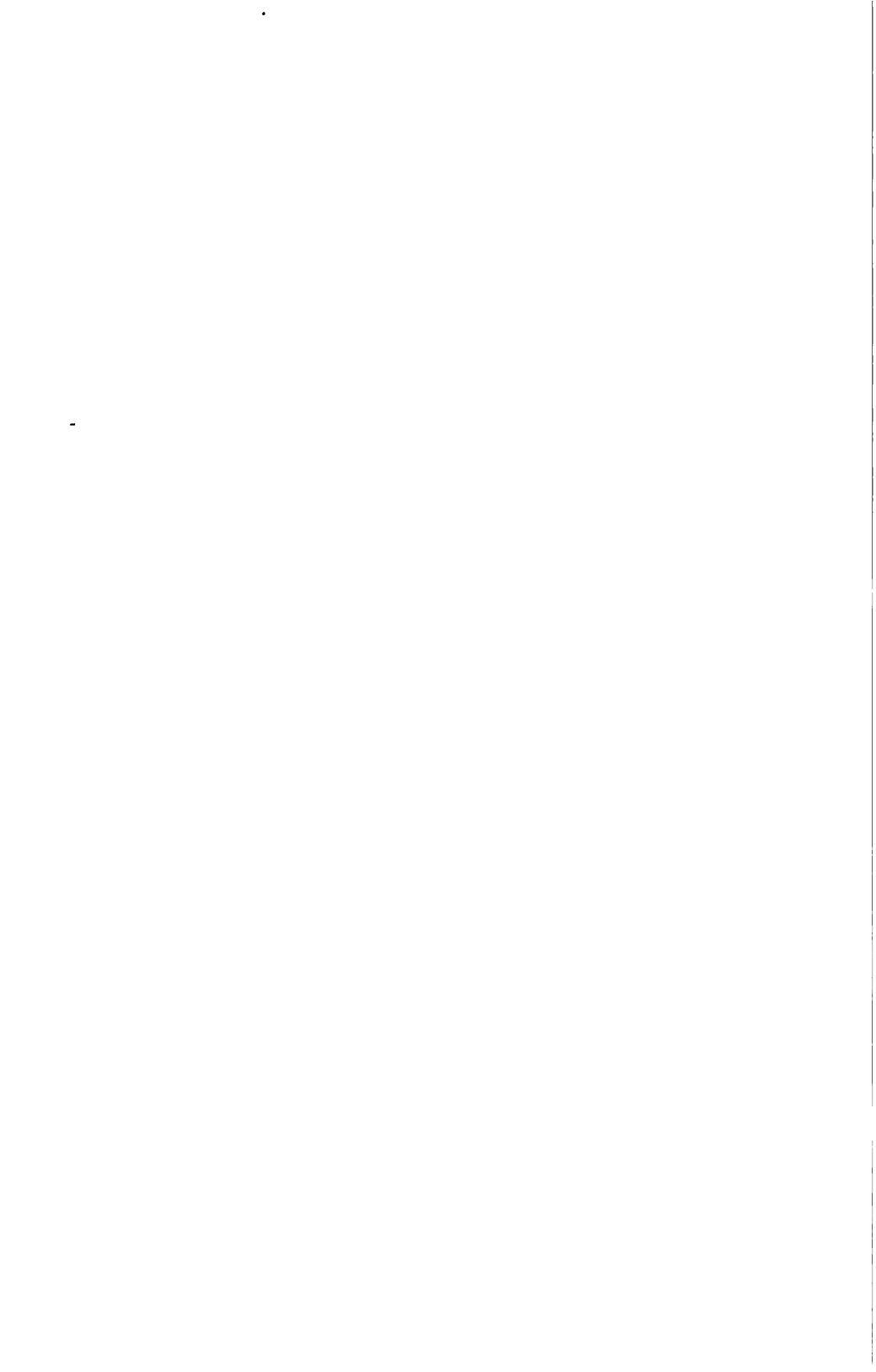
For ordinary maintenance of Belle Isle, small parks, and Boulevard, the cost has been \$86,923.35, this including all repairs, road sprinkling, tree watering and policing of the eleven miles of Boulevard; the care of the lawns and flower beds in twelve small parks, as well as a policeman or care-taker for each of the principal ones; the running of a line of park wagons from Jefferson avenue to the Casino on Belle Isle, and thence around the island; the cleaning up and grass mowing of the island; the cleaning, repairing, and sprinkling, of all the island roads; the maintenance of greenhouses and the planting and care of the numerous flower beds in the Park; the maintenance of a skating lake during the winter; the electrical lighting of the Park and principal buildings; the heating of the Casino and Skating Pavilion; the feed and care of the wild animals and some forty horses employed on the island, and all the administrative expenses, including office rent, salaries of secretary, superintendent, bookkeeper, engineers, florists, etc., printing, stationery, telephones, etc., etc., all of which will be found more in detail in the report of the Secretary.

For the ensuing year the Board ask for an appropriation, for all purposes, of \$150,000.

The work immediately before us comprises the carrying out of some means of crossing the four railways which intersect the Boulevard, until which is effected, the utility of the work completed on that roadway is greatly impaired. The cost of this cannot as yet be accurately estimated.

LOOKING DOWN CENTRAL AVENUE FROM THE CASINO.





2d. The making of Perrien, Owen and Recreation Parks, and the grading of Clark Park.

3d. The erection of a Bath House on Belle Isle, the cost of which will be about \$12,500.

4th. The erection of at least eight new permanent bridges across the canals at Belle Isle, four being required in connection with the inlets and outlets of the new lake, and the other four to replace temporary bridges heretofore constructed, which are rapidly going to decay. This will cost between \$40,000 and \$50,000.

5th. The completion of the drive around the new lake, which, when finished, will afford a continuous drive around the entire island, and the grading and improvement of the reclaimed land, estimated to cost about \$10,000.

6th. The erection of a horse shelter at the upper end of the island, to cost about \$3,000.

New barns for the forty horses employed on the island are also a necessity, and to complete the canal system as originally designed, a canal about a half a mile long, connecting the new lake with the canal on the southern side of the island, remains to be constructed. These, however, can be deferred for another year.

The Board, early in the year, upon the assumption that it had the power, named the several sections of the Boulevard, adopting the names of eminent Frenchmen associated with the early history of the city. The names selected were :

For the section between Fort street and Michigan avenue, Boulevard Joliet, after the first white man to visit this region.

From Michigan avenue to Warren avenue, Boulevard La Salle, after the first white navigator of the Detroit River.

From Warren avenue to Grand River avenue, Boulevard Hennepin, after the first Christian missionary in these parts.

From Grand River avenue to Twelfth street, Boulevard Montmoryency, from the first Christian bishop in New France, of which Michigan originally formed a portion.

From Twelfth street to Woodward avenue, Boulevard Pontchartrain, from the French Colonial Minister, who authorized the founding of Detroit.

From Woodward avenue to where the Boulevard turns southward, Boulevard Pontiac, after the famous Indian chief who figured so conspicuously in Detroit's history 130 years ago.

From thence south to the line of Hendrie avenue, Boulevard Richard, after Father Richard, the first delegate in Congress from this Territory.

From thence eastward, Boulevard Navarre, after one of the most prominent French families in the early history of Detroit.

Thence south to Gratiot avenue, Boulevard Tonty, after Cadillac's successor as commandant at Detroit.

From Gratiot to Jefferson avenue, Boulevard Frontenac, after the Governor-General of New France at the time of the founding of Detroit, which, by the way, was also the name of the avenue before it became a part of the Boulevard.

A short time later the Common Council, independently of the Board, adopted the simple names of North, West, and East Boulevards for the three principal divisions.

The Commissioners still think that the division of this grand thoroughfare into smaller sections highly desirable, and also think it worthy of more distinguished names than those which the Common Council has given it. They hope, therefore, that at some time the Common Council may reconsider its action.

For the perfect preservation of the history of Belle Isle, the Board have appended to this report a valuable paper on the subject, prepared by Clarence M. Burton, and kindly placed at its disposal.

All of which is respectfully submitted.

JAMES E. SCRIPPS,
FRED GUENTHER,
CHARLES K. LATHAM,
GEORGE C. WETHERBEE,
Commissioners.

DETROIT, March, 1894.



VIEW IN EAST GRAND CIRCUS PARK.

FINANCIAL STATEMENT.

BALANCE ON HAND, JANUARY 1, 1893—

Park and Boulevard fund.....	\$127,727 15
Boulevard Improvement fund.....	109,452 29
Boulevard Right of Way fund.....	5,420 26
	<u>\$242,599 70</u>

RECEIPTS—

From taxes of 1893	\$87,072 92
" " previous years.....	5,545 74
" Casino and Skating Pavilion privilege.....	5,000 00
" Boathouse privilege	1,075 00
" park wagon service.....	4,548 50
" rafting privilege.....	250 00
" sale of horses, deer, etc.....	418 70
	<u>Total to credit of Park and Boulevard fund,...</u>
	103,910 86
Boulevard Improvement fund, proceeds of bonds....	100,000 00
Boulevard Right of Way fund, sale of houses.....	573 00
	<u>Total resources.....</u>
	<u>\$447,083 56</u>

EXPENDITURES—

For maintenance of Belle Isle.....	\$62,085 44
" " " city parks	7,385 39
" " " Boulevard	4,570 67
	<u>\$74,041 50</u>
For permanent improvements Belle Isle..	\$96,602 05
" " " city parks..	5,897 67
" " " Boulevard,	195,640 52
	<u>298,140 24</u>
" Boulevard right of way and fees.....	842 45
" general administration	12,881 85
	<u>Total expenditures.....</u>
	<u>\$385,906 04</u>

BALANCE, DECEMBER 31, 1893—

Park and Boulevard fund	\$28,688 92
Boulevard Improvement fund.....	32,337 79
" Right of Way fund.....	150 81
	<u>61,177 52</u>
	<u>\$447,083 56</u>

EXPENDITURES IN DETAIL.

FOR MAINTENANCE OF BELLE ISLE--

Repairs of roads and paths	\$3,533 24
Sprinkling roads.....	1,586 25
Cleaning up grounds and cutting grass.....	8,942 63
Making and care of flower beds.....	2,110 10
Maintenance of greenhouses.....	3,199 95
Planting and care of trees and shrubs.....	697 38
Repairs to lakes and canals.....	122 52
" bridges.....	1,134 20
" docks	1,929 18
" buildings	4,182 26
" lighting plant.....	441 35
Grading and sodding.....	3,115 53
Draining.....	459 63
Seats, swings, rustic work, etc.....	1,663 19
Care of closets and water tanks.....	1,652 22
Ice supply.....	317 71
Fuel	2,687 91
Lighting.....	2,553 28
Skating lake maintenance.....	1,464 59
Park wagon service.....	3,017 24
Care of horses.....	4,405 96
Feed of horses and barn supplies.....	3,891 10
Horseshoeing.....	840 04
Repairs and renewals of harness and vehicles.....	2,257 46
Tools and implements and repairs.....	1,787 81
Horses purchased	125 00
Menagerie	615 19
Insurance.....	925 73
Life-saving service	255 00
Incidentals.....	2,171 79
	<hr/>
	\$62,085 44
	<hr/>



VIEW IN CASS PARK.

MAINTENANCE OF CITY PARKS—

Repairs of walks	\$104 75
Cleaning up grounds and cutting grass.....	2,302 48
Flower beds.....	1,236 40
Planting and care of trees.....	99 07
Repairs to fountains and water connections.....	315 69
Seats	211 33
Cleaning off snow.....	455 83
Incidentals	213 84
Police protection.....	2,446 00
	<hr/>
	\$7,385 39

MAINTENANCE OF BOULEVARD—

Sprinkling roadway	\$1,013 01
Police protection	2,566 93
Horses purchased for police service	325 00
Interest paid city on loan from Sinking Fund.....	370 55
Incidentals	295 18
	<hr/>
	\$4,570 67

FOR PERMANENT IMPROVEMENTS ON BELLE ISLE—

New roads and paths.....	\$2,360 25
Slag and gravel for roadmaking.....	13,149 09
Central avenue bridge and approaches.....	13,924 80
South bridge and approaches.....	4,791 88
Excavation of northeast marsh.....	54,055 99
Engineering.....	2,388 33
Completion of Skating Pavilion.....	3,997 22
Furniture for same and Casino.....	821 95
Plans and stone for Bath House.....	391 75
Shed for hay.....	342 72
Toilet pavilion near Deer Park.....	150 00
Fuel oil tank for power house.....	228 07
	<hr/>
	\$96,602 05

PERMANENT IMPROVEMENTS IN CITY PARKS—

Grading, seeding and planting Medbury Park.....	\$1,380 40
Improvement of City Hall grounds.....	402 17
" Belle Isle bridge approach.....	1,414 81
Toilet pavilion in Clark Park.....	2,700 29
	<hr/>
	\$5,897 67

PERMANENT IMPROVEMENTS ON BOULEVARD—

Paving.....	\$168,346 62
Sewers and receiving basins.....	11,449 69
Grading and seeding lawns.....	11,001 10
Tree planting	2,289 97
Water mains and hydrants.....	503 25
Intersection side and crosswalks.....	388 78
Engineering.....	1,661 08
	<hr/>
	\$195,640 49

ADMINISTRATIVE EXPENSES—

Office rent and telephones	\$908 96
Secretary and clerical staff	5,018 61
Superintendence.....	4,396 50
Printing and stationery.....	1,660 48
Legal services.....	897 30
	<hr/>
	12,881 85

BOULEVARD RIGHT OF WAY—

Damages paid.....	\$406 25
Fees and expenses.....	436 20
	<hr/>
	\$842 45

The foregoing is a correct statement of the receipts and expenditures for the various purposes, therein indicated, for the year ending December 31, 1893, and the certificate of the City Controller to the correctness of the balances to the credit of the several funds at the close of the year, is herewith appended.

WM. H. CHRISTIAN,
Secretary.

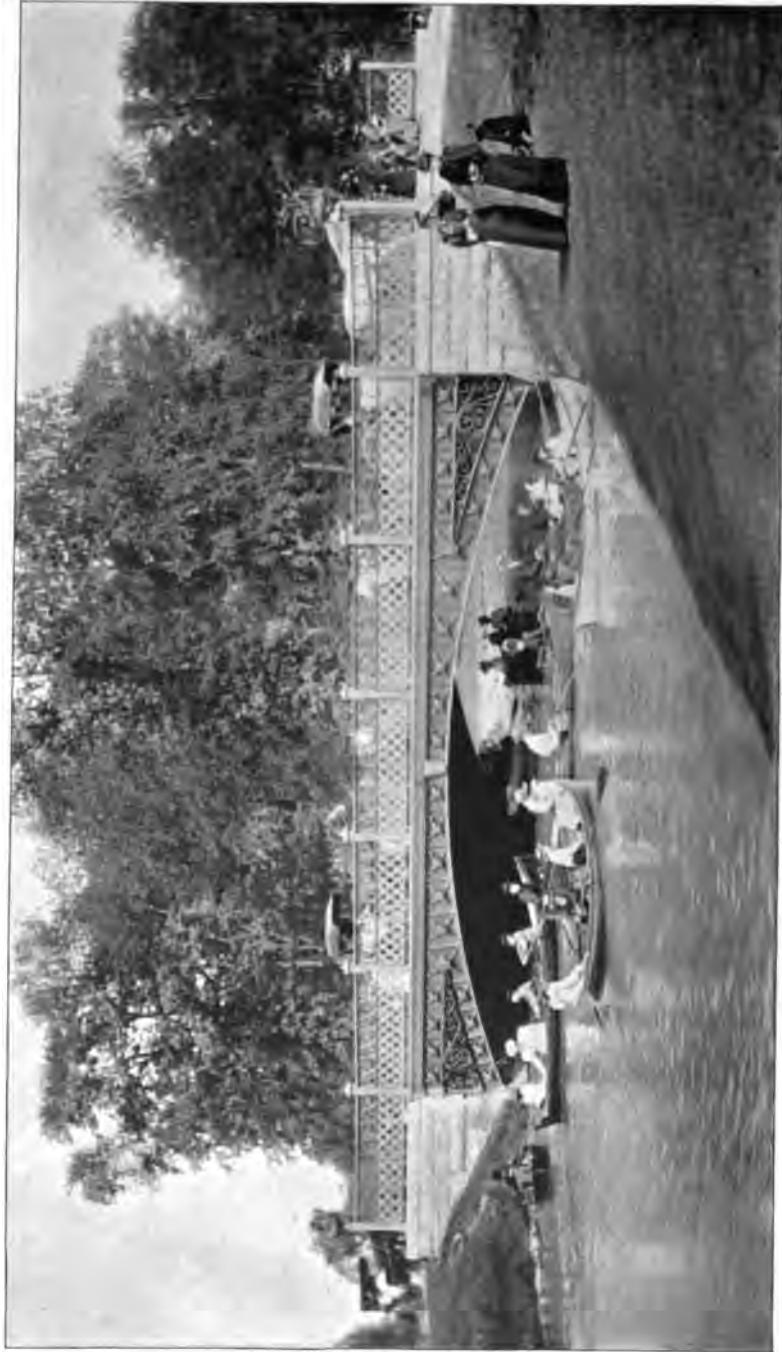
DETROIT, January 16, 1894.

I hereby certify that the balances to the credit of the several funds subject to the disposal of the Commissioners of Parks and Boulevards, on the 31st day of December, 1893, were as follows:

Park and Boulevard fund.....	\$28,688 92
Boulevard Improvement fund.....	32,337 79
Boulevard Right of Way fund	150 81

PATRICK BARRY,
Deputy Controller.





NORTH BRIDGE OVER LOOP CANAL, BELLE ISLE.

BELLE ISLE.

[A paper by CLARENCE M. BURTON, read before the Witenagemot Society.]

"And in the central stream, apart,
That masterpiece of nature's art,
Where beauty sets her seal ;
The Man-nan-be-zee, Swan its name ;
The Ile au Cochon, all the same ;
The same fair Belle Isle."

—Bishop.

Ile au Cochon, our beautiful island park, and its history !

Tradition says that Antoine de Lamothe Cadillac, by the authority vested in him as Commandant at Fort Pontchartrain du Detroit, granted the island to the inhabitants of the village as a common, and this tradition is well sustained by the subsequent acts of the people here, and of the various commandants.

The name itself (cochon—a hog) seems to somewhat substantiate the claim to the island as a public domain ; it was, doubtless, given to the island because it was used as a place for confining the hogs and animals belonging to the citizens of the village, in security against the depredations of wild beasts and Indians, and to prevent destruction of crops by these animals running at large.*

Notwithstanding the claim of the public to the island, Tonty (when commandant) threatened to subject it to his

* The generally received idea that hogs were placed on the island to drive off snakes is preposterous. Nothing but the advance of civilization could divest the swamps and morasses of the island and the adjacent shores of snakes. I have an unpublished letter, in French, written in 1769, and signed by nearly all the French citizens of Detroit, in which they say, "We very earnestly pray you to consider that the island in question (Ile au Cochon) is a common

individual uses, but gave up the undertaking upon the remonstrances of the public, and their claim was not further disputed until June 12, 1752, when one Douville Dequindre obtained a grant of the island from the Governor and Intendant, Longheuil and Bigot, but again the public remonstrated, and the remonstrance was so earnest that the grant was not confirmed.

During the few remaining years of the French occupation of the country, the island was cultivated by one Filet and a Mr. Campau, but always under the supervision of the commandant, and with no claim to ownership on the part of the occupant.

The French surrendered the country to the English in 1760, and in the succeeding year Lieut. James McDonald, who was an officer in the garrison here, cultivated the island and continued in possession of a portion of it for the two or three succeeding years. In the meantime, in 1762, Lieut. George McDougall, who was also an officer in the garrison, took possession of a portion of the island and built a house, cleared some of the ground, and set a family on his portion. Whether his original occupation was under color of title or not, his actions in clearing the land and erecting buildings indicated an intention to claim title, and it is certain that he took possession with the approbation of the commanding officer. Lieut. McDougall played a conspicuous and honorable part in the war of the great Pontiac, who besieged our city in 1763. At

ceded to the public by the late Mr. de la Motte, first seigneur and commandant of the country, for the purpose of putting cattle thereon in security; that this right has continued even to this day without its ever having been revoked. Monsieur de Tonty, when commandant, undertook to appropriate it to himself, but was forced to relinquish his claim by the petition of the public.

Mr. Dequindre, under the command of Monsieur de Celeron, relying upon family influence and his personal merit, also undertook to obtain this property, but the representation of the public rights deprived him of his possession." The first mention I have found showing that the island derived its name from the St. Patrick quality of its swine, is in a letter or journal written in 1793, but it is very probable that the story was old at that time. There were snakes on the island in great numbers even within the memory of people still living here.

one time the lieutenant was a prisoner of the Indians, but managed to escape, though his fellow-prisoner, Maj. Campbell, lost his life.

Immediately after Pontiac found that his efforts to surprise the village were fruitless, he set about murdering all of the English who lived without the pickets of the fort. James Fisher and family lived on the island, and the Indians proceeded at once to his house. Fisher himself was absent up the river making soundings, in company with Robert Devers, Capt. Robinson, and one Mackay. These men were all murdered by the Indians. Fisher's wife was hanged by them, and two of his children killed; the other two children were carried off. Twenty-four head of cattle were also killed. Jean Mayet afterwards accused Alexis Cuillerier, a Frenchman, of drowning one of the Fisher children, and as the testimony furnished him was deemed satisfactory, the commandant banished Cuillerier from the settlement. This was the most severe penalty he could inflict, as there were no courts established here, and consequently no officers to try the accused parties. Some years afterwards, Commandant Turnbull, ascertaining that Mayet had testified against Cuillerier out of spite, and that his charges were ill-founded, revoked the sentence of banishment and publicly recalled the accused.

After the Indian war was over, and in 1764, two persons, Lieut. Mant and Lieut. Edward Abbott, the latter an officer commanding a detachment of royal artillery, each applied for a grant of the island to the King and Council, and the application of Lieut. Mant was strengthened by a deed of the island executed to him by Col. Broadstreet, but these petitions were not acted upon by the Council. In 1763, George McDougall married Marie Francoise Navarre, daughter of Robert Navarre, one of the most influential of the French inhabitants. Backed up by the new family connection, McDougall applied to the King

for a grant of the island, and his application was favorably received. It was this memorial which, in 1769, instigated the remonstrance above referred to. The commandant and all the officers of the garrison sided with McDougall, and gave such evidence as they were able, to assist him in procuring a sufficient title from the home government.

Before this time McDougall had been a lieutenant in the 60th Regiment, but was now on half pay, and as an officer in the service, his claims were more favorably received than the other applications.

Gen. Gage had notified the commandant, Maj. Thomas Bruce, that no person had authority to make any grant of lands at Detroit, except the King, and that no purchase from the Indians was valid unless permission to make the same was obtained, and the transaction carried on in presence of the governor and superintendent of Indian affairs. In May, 1768, at a meeting of his Majesty George the Third and the Privy Council, it was determined that the occupation of the island by McDougall was for the good of the garrison; that he had suffered great losses during the siege of the post in 1763, and it was decided that he might continue a temporary occupation of the island "so long as his majesty shall think fit to continue an establishment at Detroit, provided the same can be done without umbrage to the Indians."

Lieut. McDougall, at his own expense, called a council of the chiefs of the Ottawa and Chippewa Indians, and obtained from them a conveyance of the island, and paid them, in consideration of the deed, "five barrels of rum, three rolls of tobacco, three pounds of vermillion and a belt of wampun, and three barrels of rum and three pounds of paint when possession was taken." The total value of these articles was £194.

This deed was signed by the chiefs of the above named tribes in presence of Capt. George Turnbull, of the 2d

Battalion, 60th Regiment, commandant, and two other officers of the same regiment, and McDougall was placed in possession of the island. The deed does not bear any date, but as it appears in the papers of Gen. Gage of the date of August 29, 1768, it must have been executed between May and August of that year.

The knowledge of the existence of the deed and order of council spread rapidly among the inhabitants of Detroit district, and created a good deal of excitement. Petitions were drawn up in both French and English, and very generally signed, requesting the government not to permit the conveyance to McDougall. If we are permitted to believe the affidavit of Pierre Tamizier and the statement of Baptiste Meloche, persons were compelled to sign the remonstrance of the inhabitants, whether willing to do so or not.

The remonstrances were sent to Governor Carleton, and by him forwarded to Lord Hillsborough. Carlton, in his letter accompanying the remonstrance, said he had made diligent search to find any conveyance to the public, but he had been unsuccessful. He found the grant to Dequindre, and that it had been revoked "upon representation of the inhabitants that the island was absolutely necessary for them to receive their cattle in summer to avoid their running wild in the woods, or the Indians destroying them in any of their drunken frolics," and he thought it quite likely that no formal instrument of grant had ever been made.

The protest of the inhabitants and the letter of Carleton availed nothing, for the present, and McDougall retained possession of the island, made some improvements, and put a man named Cassidy on it to cultivate it for him.

The agitation of the people for the island did not stop here; it seems that Lord Hillsborough had about concluded that they were the rightful owners, and he wrote to Lieut. McDougall in October, 1770, suggesting that the

question of ownership be submitted to arbitration, but McDougall refused, maintaining that his title was good and had been confirmed by the King, and he saw no necessity for arbitration.

I do not find the rights of McDougall questioned for several years. In 1773, a census was taken here which shows that there were on the island one man, one woman, three servants, 20 oxen, 17 cows, 32 heifers, 121 sheep, 30 hogs, two houses and one barn.

THE REVOLUTION.

The war of the Revolution broke out, and Detroit became the most important of the western posts in British hands, and Henry Hamilton was appointed Lieut.-Governor here. Hamilton had been importuned by the French to get the island away from McDougall, and he concluded to oblige them, and at the same time get a fine property for the war department, so he wrote to Gov. Carleton in January, 1778, as follows: "The inhabitants having represented to me the losses and damage they suffer by being deprived of the commonage of Hog Island, I have directed Capt. McDougall's brother-in-law, who is his attorney at this place, to acquaint him that unless I have your Excellency's orders to the contrary, the inhabitants shall be reinstated in the possession of it on the first of May, 1778, which is time sufficient for him to prove a right;" and in August of the same year he wrote: "If Capt. McDougall shall prosecute his pretensions in the courts, I request you to produce the claims of the inhabitants, which, in my humble opinion, are sufficient to support their title. An island, being a royalty, if it had ever been granted from a crown as a commons, I apprehend the inhabitants have no power to surrender that right, as their posterity would thereby be injured past redress." Carleton had been removed from his office as governor, and, in answer to Hamilton's letter, said that he would

place the letters before his successor (Frederick Haldimand) immediately on his arrival, and that, in the meantime, Hamilton should collect all materials he could, and send them down to be examined by the crown lawyers.

On the seventh of October, 1778, Lieut.-Gov. Hamilton set off on his ill-fated expedition to take Vincennes from Gen. Clarke, where he was defeated and taken prisoner. He left Maj. Lernoult in charge of the fort here, but Lernoult remained only a short time, when he was succeeded by Maj. Arent Schuyler DePeyster, who remained in charge until the close of the war. On the very day of Hamilton's departure for Vincennes, General Haldimand wrote to him asking if there were not lands near the fort at Detroit, where the garrison might be employed in cultivating grain and raising cattle for their own subsistence.

At the commencement of the Revolutionary War, McDougall took a captaincy in the 84th Regiment, stationed at Detroit, where he remained until 1778, when he was sent to take charge of the detachment on Carleton Island. He was taken sick, and early in 1780 went to Montreal, where he applied for permission to sell his commission in the service. Haldimand at first refused to allow the sale, but on representation that McDougall was likely to die, he granted permission, and the captaincy was transferred to Capt. Sinclair of the 15th Regiment: McDougall died in Montreal about April 8, 1780, leaving his widow, Marie Francoise Navarre, and two sons, Robert (or John Robert, as he was afterward called), born June 30, 1764, and George, born October 19, 1766.

Immediately after the death of Capt. McDougall, Haldimand, supposing that the island would be sold in order to close up the estate, directed DePeyster not to permit the sale, as it was his intention to reclaim it for the use of the crown and garrison at Detroit, and to settle on it such prisoners as might be taken on the incursions towards the Ohio.

The McDougall family were dependent upon the liberality of the Governor for the most valuable portion of their property, and he hastened to assure the widow that her rights would be taken care of. DePeyster took possession of the property, however, and after having the property appraised, placed Capt. Isaac Ruddle and his family and one other family on the island, reserving a part of the meadow ground for the King's cattle. Capt. Ruddle was a "rebel" who had been taken prisoner by Capt. Bird on one of his expeditions towards the Ohio; however, he remained quietly on the island until 1782, when he obtained leave to go to Montreal to see if he could not be exchanged, so as to return to his home.

The appraisers chosen by Maj. DePeyster were Nathan Williams and John Baptiste Crainte, a master carpenter, and the result of their appraisal was as follows:

One dwelling house valued at.....	£250 0 0
One dwelling house valued at.....	40 0 0
One dwelling house valued at.....	10 0 0
An old barn, without a top, valued at	18 0 0
A fowl house.....	6 0 0
Some timber.....	10 0 0
	£334 0 0

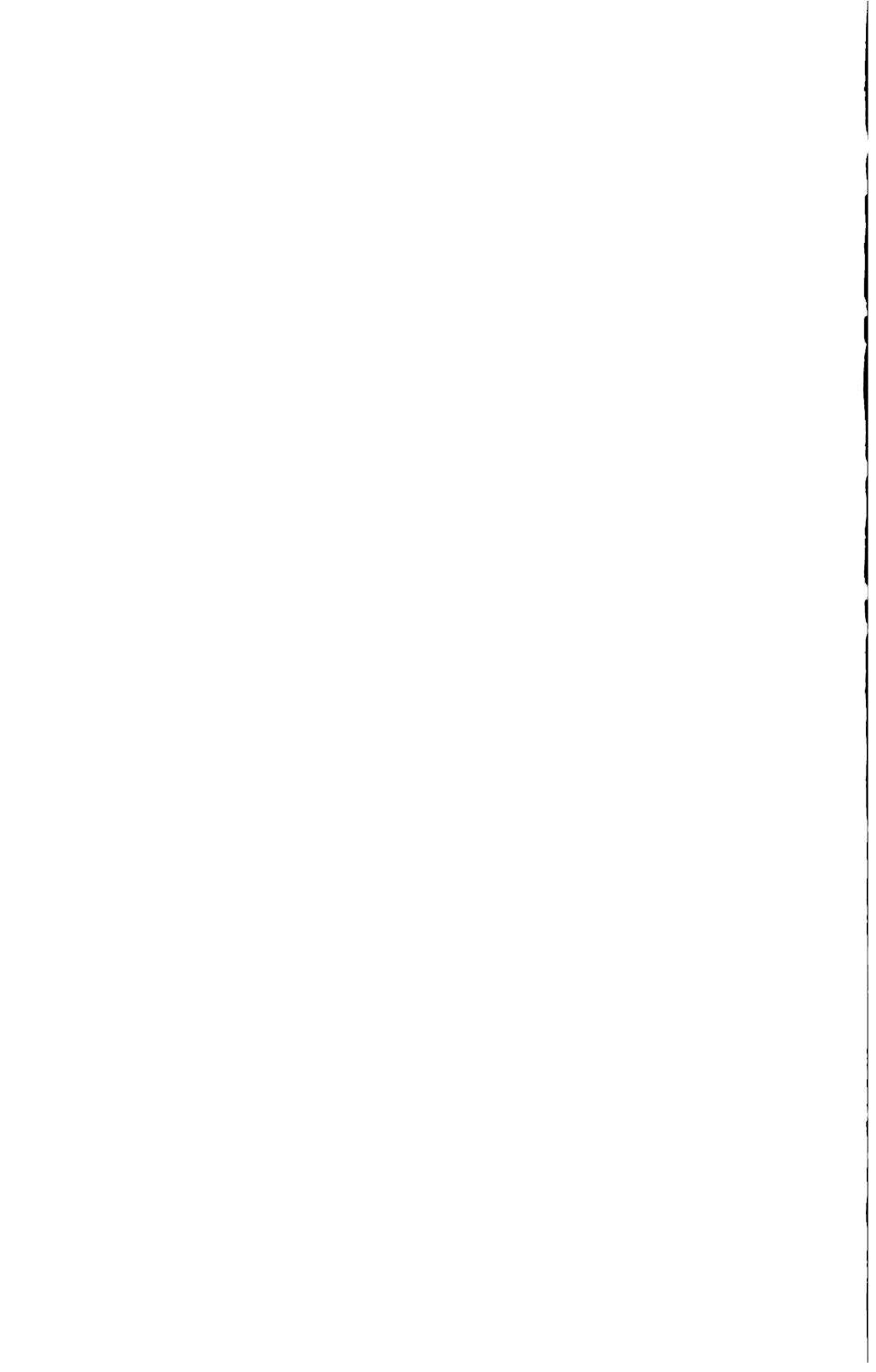
The island was supposed to contain 768 acres.

There were no courts established in Detroit at this time, and the entire district was within the jurisdiction of Montreal. It has been asserted, and is probably true, that William Macomb was appointed guardian of the two McDougall boys, by the Montreal court, and Macomb very likely looked after the interests of his wards, though there are no evidences obtainable to show that he did anything for some years. Macomb was a wealthy trader here at this time, a member of the firm of Macomb, Edgar & Macomb, the most extensive dealers in Detroit, and their annual trade would be considered very large for one firm to carry on even now, in times of large transactions.

Mrs. McDougall was a French lady, daughter of the old

POLICE STATION ON BELLE ISLE.





notary Navarre, and well educated. In an unpublished memorial of the widow, who signs herself Marie Magdougall, she offers, for herself and children, to relinquish their interest in the island for five hundred pounds sterling.

This memorial is in French, and is addressed to Gen. Haldimand, September 26, 1781. The offer was not accepted, but, on the other hand, the McDougall heirs refused to accept the appraisal made by DePeyster.

Possession, however, was taken and claimed by the commanding officer, and retained for some years. In the census of 1782, DePeyster reports that "Hog Island will produce, this harvest, one hundred bushels of wheat and seven or eight hundred bushels of Indian corn. The small quantity of wheat owing to the late heavy rains."

Both Haldimand and DePeyster wished to erect a windmill on the island, for the purpose of grinding wheat, but this year DePeyster found his hands too full of other work to give attention to the matter, and he begged the General to defer the work until a more appropriate time. He employed a millwright from Kentucky to begin the work, but he was, at the same time, putting up a new powder magazine in the fort, and he had not stones enough and vessels sufficient to carry the stone for both purposes, and continued the magazine, leaving, as he said, the mill house until next spring.

DePeyster was commandant, not governor, of Detroit, and Hamilton retained the office of lieutenant-governor, though he was in prison at Williamsburgh, Virginia, and he continued to retain this office until the appointment of Jehu Hay, in 1782. Hay had served under DePeyster, and there was some ill-feeling between them, so that DePeyster wished to leave Detroit before Hay arrived. DePeyster's wishes were gratified; first, by Gov. Haldimand's preventing Hay from coming to Detroit immediately on his appointment, and next, by transferring DePeyster to

Niagara, when Hay was, at length, permitted to come here.

George McDougall, the son, although only a boy in years, had become a lieutenant in the British service, and turned his attention to obtaining his rights in the island.

THE CLOSE OF THE REVOLUTION.

By the terms of the treaty which, in 1783, terminated the Revolutionary War, the boundary line between the United States and England was fixed at the channel in the Detroit River, thus making Hog Island a possession of the former country. It will be recalled that the British refused to surrender these posts to the United States, and that it was not until 1796 that Detroit passed into the possession of our government. Notwithstanding the British retained possession, they considered the retention unlawful, and, from 1783, made no improvement whatever on any property remaining in possession of the troops except what was absolutely necessary for their continued occupation. The pickets of the fort were pulled up, broken off by the Indians crowding between them to enter the village, and were washed away by spring freshets; lands on the public commons were occupied for private purposes, a thing never tolerated before, and in all ways the authorities gave an indirect notice that they no longer claimed the right of ownership over the property, but expected to be called on to move at any time.

The memorials of Lieut. McDougall to Haldimand, in October, 1783, and in July, 1784, set forth the ownership of the island by his father in his lifetime, and the ownership by his mother, brother and himself at the present time; that the island is now within the lines of the United States, and consequently will no longer be of use to the crown, and ask that the property be restored to the owners. DePeyster also advised Haldimand to accede to the wishes of McDougall, the more willingly,

perhaps, because he found that the property would fall within the American lines, by the terms of the treaty, and because the British government had done nothing to vest the title in the crown, other than to take possession under the direction of Haldimand himself.

On the first of October, 1784, Lieut.-Gov. Hay was directed to put Lieut. McDougall in possession of the island, reserving to the crown only the right of storing and placing on the island, in case of the evacuation of the post of Detroit, all effects belonging to the crown, as long as it might be necessary.

The island having thus again passed completely under control of the McDougall family, which then consisted of the brothers George and John Robert, remained in their possession until November 11, 1793, when John Robert conveyed his moiety to William Macomb for £818 16s. The island was in the actual possession at this time of Messrs. Meldrum & Park, merchants of the fort.

George McDougall had agreed, on July 25, 1785, to convey his half of the island to his brother John Robert, but owing to the financial troubles of the latter, he did not make the conveyance until January 6, 1794, and then, on April 7, of that year, William Macomb purchased the other half of the land for £776. In both of these conveyances to Macomb there was a symbolical act which was common at that day, termed livery of seizin, by which the land was understood to be actually delivered to the purchaser.

In these transfers the delivery was made by giving to Macomb "a twig in the name of the whole premises." William Macomb died in 1796, still owning the property, and by his will devised it to his three sons, John, William and David.

Our government took possession of the country in 1796, and for a few years matters progressed without much inquiry as to titles to real estate, but when the question

was brought before Congress it was resolved to ignore the grants of the Indians, and of the French and British governments, except in a few cases, and commissioners were appointed to sit in Detroit and hear claims for titles to real estate based upon actual possession before July 1, 1796.

The Macomb brothers filed their claim for the island, and adduced evidences of actual occupation as required by law, and the land was awarded to them. John had mortgaged his share of his father's estate to his uncle Alexander (the father of Gen. Alexander Macomb), and died leaving his estate thus encumbered. It was found necessary, in this complication, to appeal to the register of the district of Erie, Huron and Detroit (the probate court of to-day), to partition the ancestor's estate, and in the partition so made in 1817, our island was allotted to David B. Macomb.

Barnabas Campau purchased the island from David B. Macomb, March 3, 1817, for \$5,000. From this time forward, although the land was the private property of Mr. Campau, it was looked upon more and more as the property of the city, the citizens using it as a place of quarantine, as a dueling ground, and as a general picnic ground.

CHOLERA.

The steamer *Henry Clay*, having on board Gen. Winfield Scott and a detachment of soldiers on their way to Chicago, reached Detroit in July, 1832, when one of the soldiers was taken ill with the cholera and died in a few hours. Gen. Scott, in his report of it, says that "the only surgeon on board, in a panic gulped down half a bottle of wine, went to bed sick, and ought to have died." Fortunately, the General himself, before setting out on the expedition, had consulted the surgeon Morver, in New York, and had received instructions how to proceed in cholera cases, as he expected to receive a visit from the scourge, and "thus he became the doctor on the afflicting occasion."

Other passengers were taken ill within a short time, and the vessel was ordered to proceed to Hog Island, and supplies were sent to it from the city. Two of the persons employed to communicate with the boat were stricken the next day, and one died in the city; the other recovered. The spreading of the cholera created a reign of terror in the city and adjoining country, and all kinds of wild schemes were resorted to in order to prevent its spreading ; stage coaches were fired into and the horses killed ; travelers were turned out of hotels and their baggage pitched after them ; armed sentinels were stationed on the highways to prevent the passage of strangers. The stoppage of the *Henry Clay* at the island was only long enough to procure needed supplies, and she sailed on to Mackinac and Chicago, spreading the disease as she went. Seven soldiers died in Detroit, four were put ashore at Mackinac, sick, and eighteen died between Mackinac and Chicago.

A DUELING GROUND.

There have been several duels in Detroit and vicinity, one resulting in the death of Col. Otis Fisher, in 1817. One took place on November 23, 1836, between Arthur Rankin, who recently died in Windsor, and Henry Richardson. A contemporary account of the affair will best illustrate it and rob the duel of its terrors:

"AN AFFAIR OF HONOR.

" We learn that on Saturday last, pistol shots were heard on the classic ground of Hog Island, between two 'gentlemen' of Amherstburgh, Upper Canada ; one a lawyer, Richardson, and the other a gentleman loafer, named Rankin. The cause of this *honorable* interview grew out of a bar-room quarrel, in which said Rankin was injured, either in person or character, to an extent which nothing could repair short of a duel. A challenge was sent and accepted, and according to agreement the parties met at twelve paces, with pistols and seconds. Upon firing, Richardson received a ball in the

side, which passed through, causing a serious moving of the bowels. Upon his falling, his seconds were so much alarmed as to leave the ground with precipitation and were soon out of view. Rankin receiving no serious injury, fled in a canoe, thinking, perhaps, that

'He who fights and runs away,
May live to fight another day.'

"Richardson was taken up by some men who were near the island in a canoe, and conveyed to Sandwich, where he is under the charge of a surgeon."

A PLACE OF RECREATION, AND A NEW NAME.

As the city grew in population and the steamers on the river multiplied, the island came to be used for picnic parties, and for sight-seers and wanderers generally on holidays. The island was fixed for their accommodation, and revenue derived from it by the ferry company, at least, and possibly by the lessees of the resort. The uncouth name of "Hog Island" had clung to it for 145 years, when, by pre-arrangement, a great number of people visited it in company on July 4, 1845. The meeting was called to order at 5 o'clock in the afternoon, and Morgan Bates was chosen to preside, with William Duane Wilson as secretary.

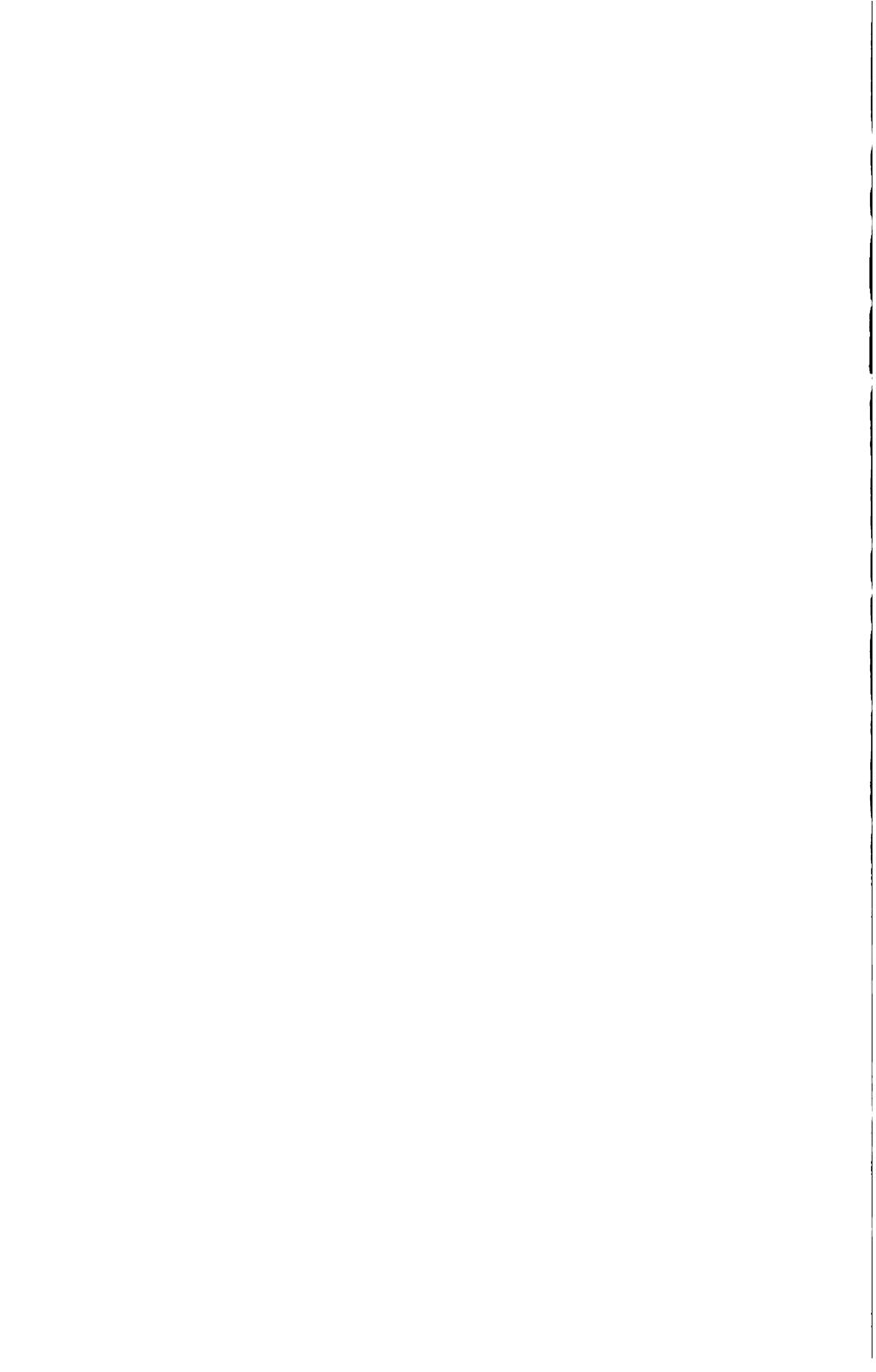
On motion of Mr. E. Goodell, it was unanimously *Resolved*, That now, henceforth and forever, this island, now known as 'Hog Island,' be known and hailed as 'Belle Isle.'" The change in name seems to have been made without the consent of the owner, Mr. Campau.

Several reasons have been suggested for calling it by that name, but it is probable that the meaning of the word "Belle" is sufficient explanation. One lady in Pontiac, on hearing of the incident, thought the change was entirely inappropriate; she wrote to the *Jacksonian* that the word "Hog" was better, "because so many husbands went there without their wives."

Barnabas Campau continued to own the property until his death, October 8, 1845, when it passed to his four



VIEW ON BELLE ISLE.



children, Mrs. Angelique Piquette, Emilie Campau, John Barnabas Campau, and Alexander Macomb Campau*. Although the property was divided among the heirs, and John B. Campau's share passed to his widow, now Mrs. Richard Storrs Willis, it remained otherwise undisposed of until 1879, when it was conveyed to the city.

PLANS FOR A PARK.

The matter of a large public park had been agitated through the papers, among the people, and before the courts, for some years preceding the purchase of the island. The little parks scattered through the city were not deemed a sufficient breathing space for all the people, and then the city was growing rapidly, the citizens were frequently visiting foreign cities and foreign countries and bringing home accounts of parks and boulevards seen on their journeys. On the 24th of November, 1868, Alderman Richard Hawley introduced a resolution in the Common Council requesting the appointment of a special committee on parks, and to purchase lands for a larger park, and the committee so appointed consisted of Mayor W. W. Wheaton, Aldermen Zina Pitcher, Richard Hawley, Francis Adams, and William H. Langley. This committee having reported in favor of a larger park, the City Counselor was directed to submit to the Legislature an amendment to the city charter permitting the city to borrow the necessary money to purchase the land by issuing bonds. The Mayor, on the 22d of December following, advertised for proposals for a site for a park from parties "having suitable sites to dispose of either by gift or sale." The proposed amendment to the charter did not pass the Legislature, and for a time the park question was permitted to slumber, and as nothing could be done without legislative action, the only thing

*A curious fact connected with the title of the island, is that Barnabas Campau's second wife, the mother of his two sons, was a daughter of John Robert McDougall, who was the former owner.

was to delay action until a new Legislature should meet in the beginning of 1871.

On the 24th of January, 1871, a meeting was called, at which Hon. G. V. N. Lothrop presided, to consider the matter of a park and boulevard, but as the meeting was somewhat informal, it was proposed to call a more public one the next week at the City Hall. The result of these meetings was the passage through the Legislature, then in session, of the Park Act of April 15, 1871, and the appointment of six Commissioners, George V. N. Lothrop, John J. Bagley, Robert P. Toms, Merrill I. Mills, A. Smith Bagg, and William A. Butler.

The Board thus organized, solicited and obtained four considerable bids for a site. First, one down the river, which was quickly withdrawn, and does not figure in this report; second, one on Grand River avenue, consisting of 500 acres, including the Tireman farm; third, one on the west side of the Pontiac Turnpike, four and a half miles from the City Hall, of 410 acres at \$190 per acre, and, fourth, one on Jefferson avenue, three miles from the city hall. The majority of the Board submitted a report to the Council on the 21st day of November, 1871, describing the various offers made to them, stating that the Jefferson avenue site had been chosen. A minority report was submitted by A. Smith Bagg, deprecating the purchase of any park just at this time, as it would necessarily add to the tax levy, but at the same time Mr. Bagg suggested that, if it was fully determined that a park was necessary, three small parks of 200 acres each should be purchased, one east, one north, and one west, of the city, and that they should be connected by boulevards.

The majority report was adopted, and the Mayor was requested to call a citizens' meeting to act on the issue of bonds to pay for the land. The Mayor, W. W. Wheaton, was personally in favor of the park, but doubted the legality of the law appointing the Commissioners, and for that

reason he vetoed the resolution. It was, however, passed over his veto, and he called a citizens' meeting at the court room in the City Hall.

Up to this time the functions of the citizens' meeting was similar to that of the present Board of Estimates. These meetings were called annually, or more often if necessary, and all citizens were supposed to attend and have an equal voice in their deliberations. The estimates for each year were made by the Council, and submitted to the crowd and approved or rejected by them, and the meeting could scale down or wholly eliminate any of the estimates, but could not increase or make additional estimates. This process might answer where only a few people attended the meeting, but at this meeting, and at a subsequent one, held a short time thereafter, "there was so much noise, confusion and violence, that no intelligent discussion could be had, and no result was reached." The action of the meeting served to persuade the Legislature to repeal the law permitting citizens' meetings, and to organize the Board of Estimates in its place.

The Park Board, finding that they could not purchase lands under the law as it then stood, applied to the Legislature in 1873 to enlarge their powers, so as to permit them to purchase lands within certain limits, and to submit their actions to the Common Council, expecting the Council to issue bonds for the amount necessary to cover their purchases, without question. The membership of the Board had been changed by the substitution of Charles C. Trowbridge and Charles I. Walker for Wm. A. Butler and A. Smith Bagg.

COMMITTEE OF TWENTY.

The Commissioners had expressed a decided preference for the Jefferson avenue site, and the property owners in other parts of the city were constantly attempting to create a public dissatisfaction. Doubtless the majority of the

people were well satisfied, but the minority were exasperatingly agile and demonstrative. A committee of twenty of the disaffected ones was chosen at a meeting held at Young Men's Hall, April 21, 1873, and they prepared a lengthy memorial and resolutions which they presented to the Council requesting that body to defeat the Park Bill at all hazards. At the head of this committee was Capt. E. B. Ward, and the others were nearly all prominent business men and lawyers.

It is particularly to be noticed that one member of this committee was A. Smith Bagg, who had been one of the Park Commissioners as first organized. One of the most persistent, and certainly the most influential of the minority was the Mayor himself, Mr. Moffat, whose actions in their behalf finally resulted in the entire defeat of the park plan.

At the request of this committee the Council concluded to wait until the Commissioners should ask for the issuing of bonds before doing anything more in the matter.

On the 12th of August, 1873, the Park Commissioners made a full report of their work to the Council, showing that they had entered into agreements to purchase 375 acres of land on Jefferson avenue, opposite the island, and that they expected to purchase, or condemn, 75 acres more, and asked that the Council order \$300,000 in bonds to be issued as provided in the Park Act.

This report was referred to the committee on ways and means, David Preston, Guy F. Hinchman, and Charles M. Garrison, and the City Counselor, Dewitt C. Holbrook. A majority report favored the issuing of the bonds, because the Council could have no choice as the law stood, but the minority report of C. M. Garrison alone, was adverse, because, as he said, he believed the Park Act to be unconstitutional and void, and that the Legislature could not compel the Council to issue the bonds. On a vote being

had, it was found that the two parties were a tie, and the resolution to issue the bonds did not pass.

The Commissioners at once applied to the Supreme Court to compel the Council to issue the bonds, alleging that it was their duty so to do when requested by the Park Board, but the Supreme Court held that the Council had a right to refuse if they so voted.

The option which the Board had obtained for lands for the park, would expire on the first day of January, 1874, and in order to throw the responsibility for the failure of the park on the Council, they made a further report December 5, 1873, and again requested the Council to order the necessary bonds to issue. This time they met with better success, and their petition was granted to the extent of directing the Controller to issue \$200,000 in bonds to purchase a portion of the chosen site. This resolution was vetoed by the Mayor (Mr. Moffat), but passed over his veto, and the Controller issued and signed the bonds and handed them to the Mayor for his signature, as required by the Park Act. The Mayor refused to sign the bonds, and the Park Board once more applied to the Supreme Court, only to be told by that tribunal that the Park Act of 1873 was entirely void, and that they could not act under it.

Until this time Mr. Lothrop had been the moving spirit in the whole work, but his failures had discouraged him, and from this time he either took no part whatever, or assisted the opposition in the subsequent boulevard and park matters.

TUNNELING THE RIVER.

In 1874 there was a considerable talk of digging a tunnel for railway purposes under the river here, and a great deal was said about the matter in the papers, and some public meetings of citizens called. In the midst of the excitement the late Robert E. Roberts wrote a letter to the press advocating the building of a bridge from the lower

end of the island to the mainland, the running of a railroad the entire length of the island with a tunnel from the upper end to the Canadian shore. The matter did not take shape, though it was supposed the city would fall into immediate ruin unless the tunnel was built instantly.

The Legislatures of 1875 and 1877 were allowed to pass without action in the matter of a park, but early in the 1879 session Mr. E. W. Cottrell introduced a bill for a boulevard which contained a clause for a park. While the bill was being discussed at Lansing, the following appeared in *The Evening News* of February 28, 1879 :

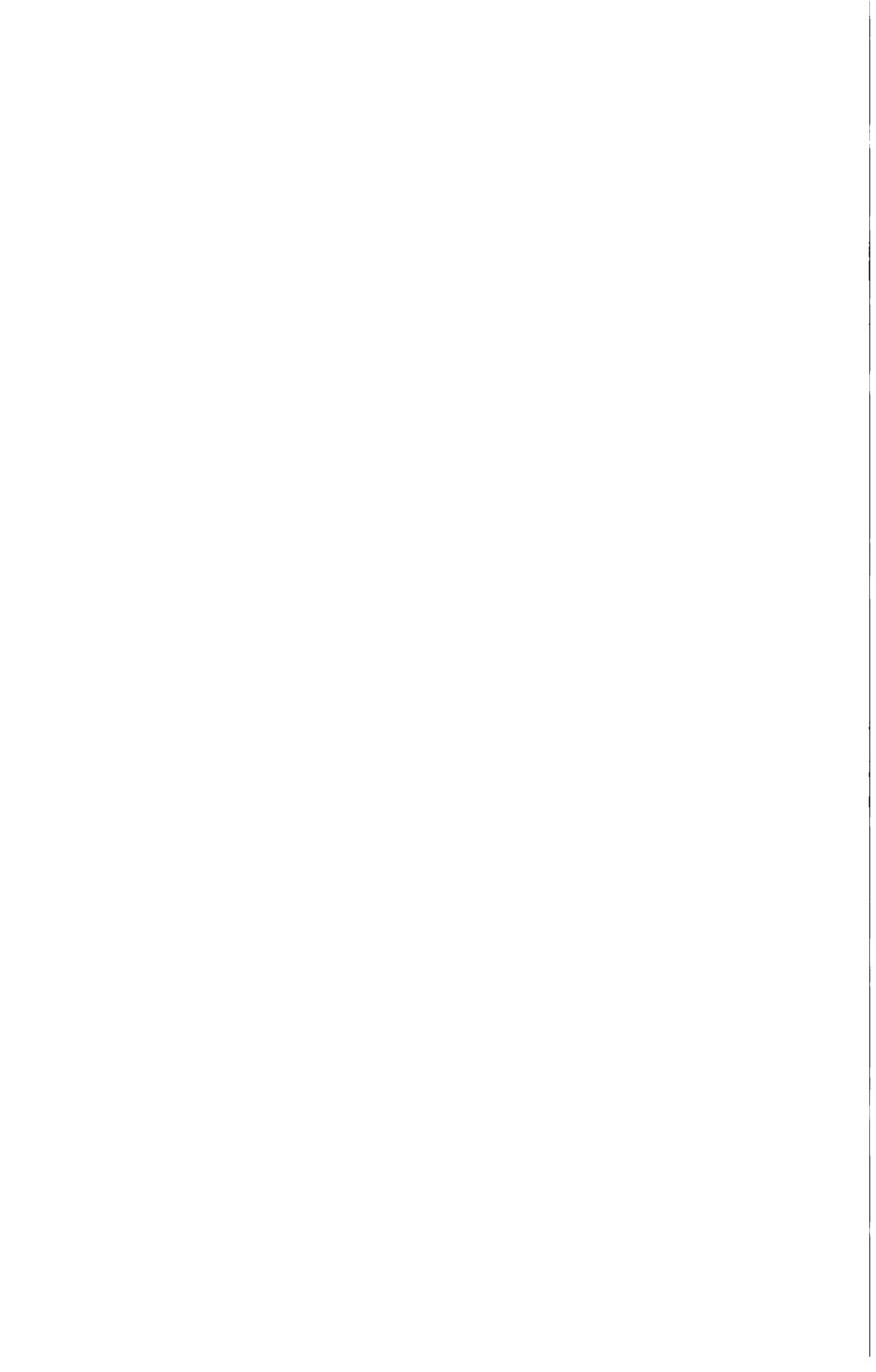
"If, as reported at Lansing, the city of Detroit can obtain the fee of Belle Isle for \$180,000, we believe that it could not do better than to purchase it. The sum is a very small one indeed compared with the benefits that could be derived from it in time. Circumstances will make its possession necessary some time or other, and it is wiser to buy now than to wait until the price has doubled or quadrupled. We are among those who believe Detroit has a future, and that it will need the improvements and means of health and civilization which other cities enjoy, and among them a park. It would be impossible to locate one in a more beautiful place than this island. It will not be necessary to improve it at once, that can be left to the future; but we should obtain possession of it by all means when it can be done so cheaply."

This is the first public suggestion I have been able to find of using the island for a park.

About this time the matter of the bridge or tunnel was again brought up, public meetings were held, and committees appointed to see Vanderbilt, Congress, the Parliament at Ottawa, our State Legislature and our City Council, to force the matter through in some way, and one of the suggestions was Mr. Roberts' old scheme of buying the island in order to use it for that purpose. Messrs. Levi L. Barbour and William B. Moran especially exerted themselves to get the city to purchase the property. Messrs. George C. Langdon, John J. Bagley, Bela Hubbard, Charles I. Walker, M. S. Smith, and D. O. Farrand, obtained an

ONE OF THE DRIVES ON BELLE ISLE.





agreement from the owners to sell the island to the city for \$200,000, and presented the agreement to the Council April 8, 1879. Petitions with thousands of signatures were presented to the Council urging the purchase, and when the matter was before the Legislature petitions in abundance were sent to Lansing. The only remonstrance of which public notice was made was signed by C. H. Buhl, William A. Butler, Allan Shelden, F. Buhl, W. C. Colburn, H. P. Baldwin, Alanson Sheley, J. S. Farrand, C. Hurlburt, and C. M. Davison, and the reason for their opposition was not stated. Practically unanimous then, as the people were, the Boulevard and Park Bills passed through the House and Senate together, meeting with the same friends and the same enemies.

THE CITY BUYS THE ISLAND.

The Park Act passed the Senate May 23, 1879. The owners of the property were not all in Detroit, and it took some time to finish up the details of the purchase, but the last deeds that vested the title of the property in the city were recorded September 25, 1879.

The city owning the property, naturally one of the first questions to be settled was, who should have control of the island to transform it from its wild condition into a park. The old Park Act of 1871 was still in force, though the Commissioners had not acted since 1874, and no new Commissioners had been appointed since that date. It was alleged on the part of Mayor Langdon that he had the right to appoint Commissioners, under that act, to take charge of and improve the island; on the other hand it was claimed that the powers of Commissioners who might be appointed under that act were limited to such lands as were, by that act, contemplated to be purchased, viz., the Jefferson avenue site, and that they could have no control over the island.

William G. Thompson was elected Mayor in the fall of

1879, and took possession of his office on the first of the succeeding January. One of the last official acts of Mayor Langdon was to appoint Theo. Chapoton, W. K. Muir, John Pridgeon, Jr., Gus. Goebel, E. F. Conely, and Wm. B. Moran, Commissioners under the old Park Act. When these names came before the Council for confirmation it was found that two Republicans, Aldermen Ryan and Connor, voted with the Democrats, and thus confirmed the Mayor's nominations. The Commissioners themselves were not seriously objectionable, but the manner in which they were chosen was so offensive to the new Mayor that he resolved not to recognize them in any manner, and not to permit them to have any control over the Park. The Mayor's attitude in the matter was approved by his own political party, by both of the city's legal departments, by the Police Department (which took possession of the island for him), and by the people generally. The Board of Estimates went so far in their approval of the Mayor's course as to refuse, at his request, to make any appropriation for the improvement of the island while its possession was in contention.

Mayor Thompson, in his first message said : "The Park Commission may have a legal existence, but it has nothing to do with Belle Isle. Any interferences on its part with that island will be resisted." Unfortunately, Charles Ewers, a Republican, but a firm friend of the Langdon Park Commission, was chosen President of the Council. It will be remembered that at the Republican National Convention which nominated James A. Garfield for President, our Mayor Thompson was one of the delegates who voted continuously for General Grant for the third term ; Thompson, as a delegate to that convention, was in Chicago on Friday, May 28, 1880, and the Council took advantage of his absence to pass a resolution turning the custody and control of the island over to the Langdon Commission.

If Mayor Thompson had been in Detroit this resolution would have been useless, because it would have been at once vetoed, and they had no hope of being able to control votes enough to pass the resolution over the veto, but in the Mayor's absence Alderman Ewers became Acting Mayor, and they knew that he would, if he could, approve of the measure. The situation was critical. If the Mayor could return at once he might veto the measure, but if he did not so return, it would become absolute with the consent of the Acting Mayor, Ewers. Telegrams were at once sent to Thompson, explaining the matter and requesting his immediate return. It was some hours before Thompson could be found in Chicago, but as soon as he received the telegrams he set out for home, and reached Detroit before 6 o'clock Saturday evening. In the meantime, at noon of the same day, Acting Mayor Ewers had approved of the proceedings of the Council, and had sent them, with his approval, to the City Clerk.

As soon as Mayor Thompson learned the situation of affairs, upon his arrival, he sent to the Council a message vetoing the obnoxious resolution, and at once returned to Chicago. At the next meeting of the Council the veto message was read, and it was voted not to receive it, but to return it to Thompson at Chicago. The convention was over and Thompson had returned to Detroit when the resolution to return his former veto came before him for approval. He promptly vetoed the resolution, and in his veto message said that there seemed to be a conspiracy to deprive him of his voice in the city legislature, and said : "The entire matter forms the culmination of a series of intrigues on the part of the Langdon Commissioners to obtain possession of Belle Isle, and its valuable possessions, against the better sentiment and wishes of a large majority of the taxpayers. The matter will soon be tested in the courts."

Indeed, the only thing left for the Mayor to do was to

appeal to the courts, for the Commissioners were making demands upon the Police Department for the possession of the island, and entered into a lease with John Horn, Sr., of a portion of the Willis place, known as Inselruhe.

The application of the Mayor to the Supreme Court was, in reality, to determine the right of Mr. Ewers to approve the proceedings of the Council. The effort of the Commission was to delay the hearing of the matter by the court as long as possible, but to get possession of the island at once. Patrolman Cohoon was living in the house at Inselruhe, holding it in the name of the Police Department. The lessee of the Commissioners, on the night of July 19, 1880, went to the island with a gang of ruffians, "yelling and screaming in a most frightful manner," and undertook to take forcible possession of the house and drive the occupant out, but finding Cohoon armed and determined to resist them, they finally departed "yelling like wild beasts." This was the only attempt to use force. The Commission raised a question of pleading in the case in the Supreme Court, in which they were beaten, but the delay caused by deciding this question prevented the hearing of the main question, and the controversy was decided on its merits too late to be of any use.

ATTEMPTS TO SELL THE ISLAND.

In the summer of 1880, a resolution was introduced in the Council looking to the sale of the island, and Alderman Warriner, who introduced the resolution, said regarding the original purchase of it: "It is well known that this scheme was conceived in sin and brought forth in iniquity. We have had one year of it, and can see what a precious time we will have if the city is to keep it." The resolution was not entertained by the Council, but a few days later the following letter appeared in one of the Detroit dailies :



THE LOOP CANAL, LOOKING NORTH.

"On my return from the east, Saturday last, I noticed the honorable the Common Council are discussing the advisability of selling Belle Isle Park, so called. As an humble citizen of the wealthy metropolis of Detroit, it is my judgment it had better be sold (if it can be legally) unless the municipal government can be placed in the power of men whose souls are large enough, whose ideas are broad enough, and whose principles are strong and honest enough to entirely ignore their personal grievances in the interests and for the improvement of the property of the city, and who are sufficiently considerate to show some regard for the welfare and health of the citizens. Should it be deemed advisable to sell, and place the purchase price at its original cost, with accrued interest, I think I can find a purchaser who will pay the amount in 48 hours. I could have done so six weeks ago.

August 2, 1880.

GEORGE C. LANGDON."

In the following March, 1881, Capt. John Pridgeon offered to give \$225,000 for the island, and Alderman Warriner again attempted to get his resolution to sell the Park acted on by the Council, but he was not successful.

The Legislature being now in session, a bill was introduced to repeal the old Park Act, and the bill became a law a few days before the Supreme Court rendered its decision on the veto of Mayor Thompson. The Council, having full authority now to act, passed an ordinance, in July, 1881, for the government of the island, and the Mayor appointed four persons to have control of the island as Park Commissioners, viz: M. I. Mills, August Marxhausen, Wm. A. Moore, and James McMillan.

Later in the season another ordinance was passed requiring the ferry company to pay the city two cents for every passenger they landed at the island. This requirement was, however, only in force for a short time, and was repealed September 27th. Although very little had been done to the island in the way of clearing it up, it was estimated that more than 200,000 persons visited it during the year 1881.

THE NAME AGAIN CHANGED.

The name of the island was officially changed from Belle Isle to Belle Isle Park by the ordinance of the Council of August 29, 1881.

In the spring of 1883 the Legislature passed an act which virtually confirmed the last mentioned ordinance. It provided for the retention in office of the present Commissioners until the terms for which they were originally appointed should expire, and changed them from officials holding under a city ordinance to officials holding under a State law.

In 1886 the Council granted permission to Hugh McMillan, Wm. A. Jackson, Frank E. Snow, Wm. C. Williams, and Frank E. Fisher, and their assigns, to establish and operate an electric railway on the island, but no corporation was ever organized to do the work, and the ordinance was repealed January 31, 1893.

PARK AND BOULEVARD COMMISSION.

A radical change was made in the management of the island by the Legislature in May, 1889. Up to this time there had been a continual rivalry and strife between the friends of the Park and those of the Boulevard, and to effectually put an end to these contentions, the Legislature abolished the Park Commission, and in its place created a new commission, called "Commissioners of Parks and Boulevards," giving the new officers all of the rights of the old Commission and of the Board of Public Works in the premises. The new Commission was to consist of four members who were to be nominated by the Mayor and appointed by the Council. The first set of Commissioners was appointed by the act itself, and were named as follows: Henry M. Duffield, Elliott T. Slocum, William B. Moran, and Francis F. Palms, and these men were to hold only until their successors could be chosen. The term of

office was fixed at four years, and the four appointees were to choose by lot the term of each, so that one Commissioner should retire at the expiration of each year, and the successor of each should be appointed for the full term of four years.

THE NAMES OF THE SUCCESSIVE PARK COMMISSIONERS.

The men who have been appointed Commissioners at various times are as follows: Under the Park Act of 1871, George V. N. Lothrop, John J. Bagley, Robert P. Toms, Merrill I. Mills, A. Smith Bagg, and William A. Butler. On the expiration of the term of two of these Commissioners, Charles C. Trowbridge and Charles I. Walker were appointed to serve from January 1, 1873. As the decision of the Supreme Court had prevented these Commissioners from purchasing the park which was contemplated at the time the act was passed, the usefulness of the Board died out, and the terms of the Commissioners expired without any attempt, on the part of the Mayor, to fill the vacancies. During this time, however, the old Park Act was in full force, and the only reason for not keeping the Commission in working order was that there was nothing for them to do. As soon, however, as the city had purchased Belle Isle, Mayor Langdon sought to revive the Park Commission, and with that end in view appointed six Commissioners, as follows: Theodore Chapoton and August Goebel for the term ending December 31, 1881; William K. Muir and Edwin F. Conely for the term ending December 31, 1882, and John Pridgeon, Jr., and William B. Moran for the term ending December 31, 1883. These men are continually referred to as the Langdon Commission. The men themselves were not objectionable, but the manner of their appointment was thought to have been underhanded and improper. In the first place, they were appointed under an act which, if it was not obsolete, was certainly never

intended to cover the appointment of Commissioners for the island, because at the time of the passage of that act there was no thought of purchasing the island. But the second objection, and probably the more serious one, was the manner in which they were appointed. Langdon had been defeated, in his attempt at a second election, by Thompson. At the time of the election there was considerable feeling against him, and this feeling of distrust and dislike seemed to increase, rather than diminish, as his term of office neared an end. It was then with a feeling of supreme disgust that the people learned that Mayor Langdon, as almost the last of his official acts, had foisted on the city an entire Park Commission of his own choosing. The appointees never received the honors nor were accorded the privileges of Park Commissioners. The investigator into the curious features of the history of the island, will notice a very queer circumstance connected with all of the Commissioners who were appointed before the date of Mayor Thompson's first term of office. If it is not the duty, it certainly is the custom of the City Controller to preface his annual report to the Council with a complete list of city officers and heads of departments. It will be noticed, nevertheless, that no Controller has ever placed the names of any Park Commissioners on the list of city officers, until the names of those appointed by Mayor Thompson appeared; and it will further appear that thereafter the name of every Commissioner was given, with the single exception of those who were appointed by the act of May 8, 1889. From the time of the purchase of the island, in 1879, until August 1881, the city itself had control of the Park, because during that time there was no commission to whom the custody could be given. After the law suits were disposed of and the Langdon Commissioners legislated out of office, the Mayor and City Council turned their attention to the subject of the control of the island, and on August 29, 1881, passed an ordinance

for the appointment of four Commissioners to take charge of and improve the Park. The Commissioners first chosen were Merrill I. Mills, August Marxhausen, William A. Moore, and James McMillan, to serve for one, two, three and four years respectively, from August 31, 1881. William B. Moran succeeded Mr. Mills from September 1, 1882, to August 31, 1886. Mr. Marxhausen succeeded himself from September 1, 1883, to August 31, 1887. William A. Moore was reappointed from September 1, 1884, to August 31, 1888. James McMillan resigned, and Dexter M. Ferry was appointed in his place February 15, 1884. When Mr. Ferry's term expired there was no one appointed to fill the vacancy at once, and he held over until January 26, 1886, when Joseph A. Marsh was chosen to fill the place.

Mr. William B. Moran had permitted his name to be placed on the Democratic electoral ticket, and thus lost his right to the office of Park Commissioner. He, with his party, suffered defeat at the presidential election, but the Mayor, possibly to partially compensate him for sacrificing himself on the electoral ticket, reappointed him Park Commissioner December 26, 1884.

Mr. Moran's term would have expired August 31, 1886, but his successor, Fred. L. Seitz, was not appointed until October 8, following.

Francis Adams succeeded Mr. Marxhausen for the term commencing September 1, 1887.

Mr. Seitz and Mr. Adams resigned together July 31, 1888.

Francis F. Palms was appointed to fill the vacancy caused by the resignation of Mr. Seitz, and August Marxhausen was made a member of the Board for a third time, to fill the vacancy created by the resignation of Mr. Adams.

In place of Mr. Moore, Elliott T. Slocum was appointed for the term from September 1, 1888, to August 31, 1892.

In the act of May 8, 1889, already referred to, there were four Commissioners named who were to hold office for

four years, or until their successors were appointed. The men so named were Henry M. Duffield, Elliott T. Slocum, William B. Moran and Francis F. Palms. The rights and duties of the Board of Public Works and the Board of Park Commissioners were abrogated, so far as they related to the Park and Boulevard, and the new Commission, called Commissioners of Parks and Boulevards, was to take exclusive control of both. The persons who were named in the act of the Legislature as Commissioners were certainly unobjectionable, and no four names could have been found more suitable for the positions. Three of these gentlemen had held, or were holding the offices for which they were now appointed, and the fourth was certainly as well qualified for the place as any man the city could produce; but the attempt of the Legislature to usurp the province of the Mayor and Council to appoint these officials was at once resented, and on the 21st of May, 1889, Mayor Pridgeon sent in as a list of new Commissioners, the names of George H. Russel, John Erhardt, William Livingstone, Jr., and William K. Parcher, for one, two, three and four years respectively. Accompanying these appointments the Mayor sent to the Council a message, in which he said that the men appointed by the Legislature were all good men, but he wished to resent the interference of the Legislature in the matter, "for these reasons, and to indicate, so far as State interference allows to do so, the right of Detroit to govern her own affairs, I hasten to send in the names of their successors."

If one man, more than any other, had worked for the material advancement of the Boulevard and Park, first as a member of the Legislature and afterwards as a member of the Board of Estimates, that one man was James A. Randall. As a recognition of his services Mr. Randall was nominated, by the Mayor, as successor to Mr. Russel, but his name was rejected by the Council June 17, 1890. The rejection was, partly at least, due to the conten-

MICHIGAN YACHT CLUB, BELLE ISLE.





tions then existing between the Mayor and the Council regarding other matters.

Upon the rejection of Mr. Randall's name, Collins B. Hubbard was proposed for the place. The Council was composed of thirty-two members, and at the time the vote was taken on Mr. Hubbard's name, there were sixteen votes cast for and fourteen against his confirmation. The proceedings of the Council show that he was confirmed, but it was then alleged that in order to be properly confirmed, the appointee must receive a majority of votes of the members elect of the Council, and not merely a majority of those present and voting. Mr. Hubbard was absent in Europe at this time, and did not return to take the oath of office within the time prescribed by the charter, and his appointment was therefore considered a nullity without further action on the part of the Council, and without an appeal to the courts.

The office being still vacant, on the 25th of the following November Mr. Randall's name was again sent in for confirmation, but as it seemed likely that it would be again rejected, it was, at the request of Mr. Randall, withdrawn from consideration, and the name of Fred A. Baker was substituted for it.

Mr. Baker was confirmed January 9, 1891, but resigned May 3, 1892, to be succeeded by Stephen Baldwin, who, in turn, resigned November 15, 1892, and was succeeded by James E. Scripps.

Fred Guenther was appointed in August, 1892, to succeed John Erhardt, whose term had expired on the 30th of the preceding April.

Mr. Livingstone became his own successor, but resigned, and August Marxhausen was appointed to succeed him November 28, 1893, but Mr. Marxhausen declined to serve again, and Mr. George C. Wetherbee was appointed in his place, January 9, 1894.

Upon the expiration of the term of Commissioner Par-
cher, Charles K. Latham was appointed to succeed him.

The Board at the present time consists of the following
named gentlemen: James E. Scripps, Fred Guenther,
George C. Wetherbee, and Charles K. Latham.

PARK AND OUTDOOR ART ASS'N,

AUG 19 1897

WARREN H. MANNING, Sec'y & Treas.,
1146 Tremont Bldg., Boston, Mass.

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G. A. PARKER

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SIXTH ANNUAL REPORT

COMMISSIONERS

OF

PARKS AND BOULEVARDS

CITY OF DETROIT,

FOR THE YEAR 1894.

• • •







STONE BRIDGE AT SOUTHERLY OUTLET OF LOOP CANAL, BELLE ISLE.

SIXTH ANNUAL REPORT

OF THE

Commissioners of Parks and Boulevards

TO THE

COMMON COUNCIL OF THE CITY OF DETROIT,

FOR THE YEAR 1894.

TOGETHER WITH

Reports of the Secretary and Superintendent.

DETROIT:

John F. Eby & Co., Printers.

1895.

3. The erection of a Bath House adjacent to the ferry landing, the entire cost of which, with equipment complete, was \$16,179. The popularity of this new attraction was evinced by 61,253 persons patronizing it in the three months it was open.

4. The removal of the decayed Walkerville Dock, so called; the deepening of Marsh Run and the Skating Lake; the grading of about 45 acres of the former northeast marsh; the construction of a separate paddock for the elk, and the removal of the old central market shed and its re-erection at the eastern end of the island as a horse shelter—all of which involved an expenditure of \$21,903.

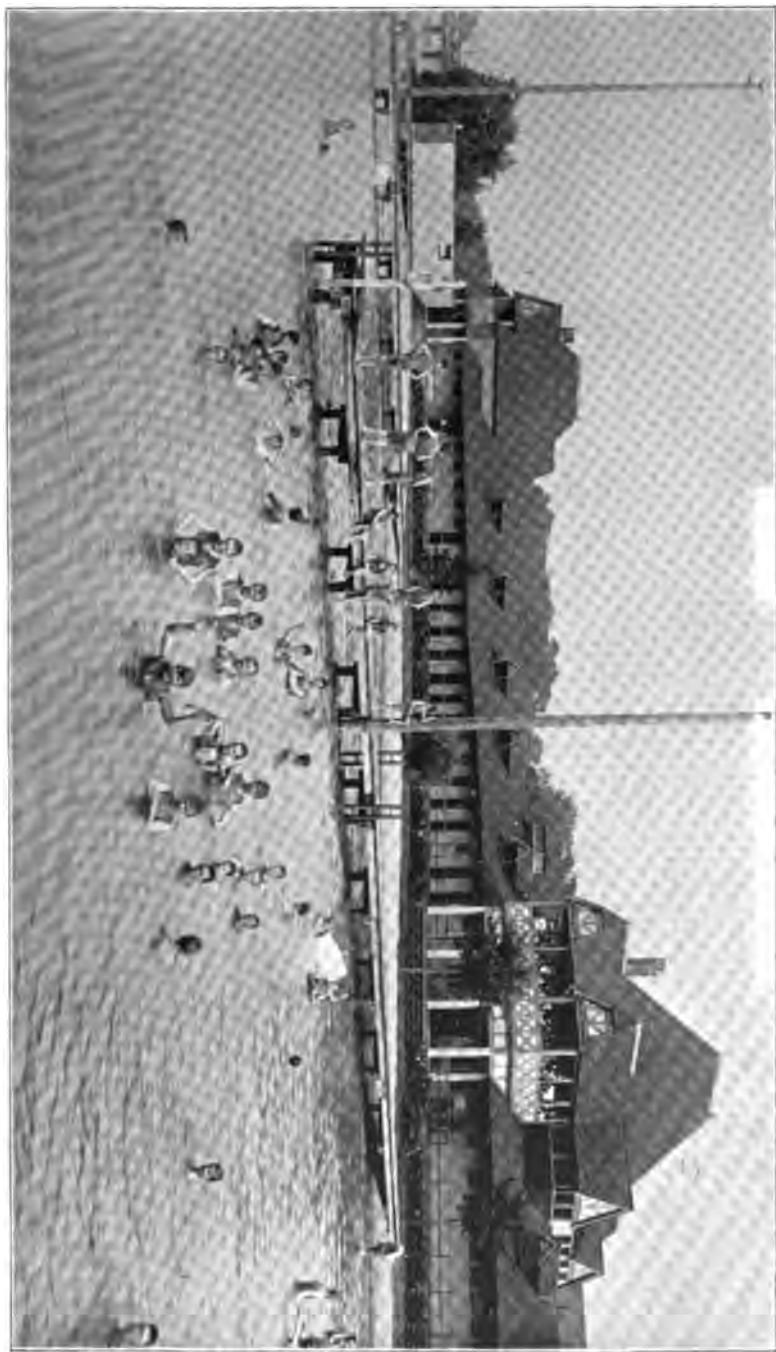
5. The laying of nearly three miles of water main upon Belle Isle, connecting with the city mains by the submarine pipe laid in 1893. Upon this system of water supply there was expended \$18,111.28, which includes the cost of the main across the Detroit River.

6. A large amount of filling and grading in Clark and Perrien Parks; the construction of a roadway and a wire fence around Palmer Park (Merrill Plaisance and Witherell Woods), also a large amount of grading, seeding, and tree planting along the Boulevard.

7. The continuation of the paving of the Boulevard, until now but 1.29 of a mile remains wholly unpaved out of the entire 11.4 miles. This does not take into account double driveways only one of which is as yet paved. The portions paved in 1894 cost \$76,603.82, and include the completion of the section between Grand River Avenue and Buchanan Street, begun in 1893; a second roadway between Dix Avenue and Shady Lane; the entire section between Dix and Toledo Avenues, and the entire unpaved gap between Oakland Avenue and Sargent Street, whereby it is possible now to drive over an unbroken pavement from Buchanan Street, in the west part of the city, entirely around to the Belle Isle Bridge.

8. The carrying of the Boulevard across the railways at

NEW BATH HOUSE, BELLE ISLE.



Russell and Dequindre Streets, in accordance with an amicable arrangement entered into on June 25th with the various railroad companies concerned. At Russell Street a right of way with a crossing at grade was conceded, and at Dequindre Street the railway tracks were spanned by a substantial iron viaduct. The whole cost to the city of securing these crossings, including the viaduct, was \$21,590.

The Board deem it important that this improvement should be immediately followed by the securing of similar crossings for the Boulevard, over the railways in the western part of the city, and the paving of the still uncompleted gap. At least one-half of this work, they think, should be undertaken the coming season, for which they estimate they will require \$43,550.

The only permanent improvements they recommend for the small City Parks for the ensuing year are, a Shelter Pavilion in Clark Park, and the laying out of Perrien and Owen Parks, and the planting of the same with trees. The placing of fountains and other adornments in these small Parks has been frequently urged upon the Board by citizens, but the Commissioners are of opinion that the completion of the Boulevard should take precedence in its claims upon the taxpayers.

On Belle Isle the next great work to be undertaken will be the construction of an Arboretum with which picturesque landscape effects are in contemplation. The location chosen for this feature of the Park is the 70 acres or more on the south side of the island just above Inselruhe—at present the least interesting part of the whole island, and a portion entirely devoid of natural attractions. It may be thought advisable in connection with this feature to vary the surface with undulations, hills and ravines, excavate lakes for swans and other aquatic birds, supply fountains and cascades, summer houses, foot bridges, winding paths and other adornments, thereby making an artificial garden

of the highest type for contrast with the natural forest growth which prevails over the rest of the island. The Arboretum would be planted with every variety of tree and shrub which will thrive in this latitude. The construction of such an Arboretum will involve extensive study and elaborate plans, and only a beginning can be expected to be made this year.

The building of new barns for the forty or more horses necessarily employed upon the island has now become a necessity. It is proposed, in order to limit, as far as possible, the appropriations needed, to erect at this time but one side of the quadrangle, which ultimately will embrace all the stables, sheds, shops, tool houses, and offices necessary to the maintenance of the Park. For this purpose \$10,000 is asked.

It is the purpose of the Board to immediately remove all the unsightly closets scattered over the island, and in place of them to erect a few well cared for Toilet Pavilions. An additional Greenhouse is also imperatively needed, and the Bath House, by some alteration and a little extension, can have its capacity largely increased. For these purposes \$6,900 will be required.

The Menagerie which has accumulated on the island is a source of great interest and amusement to visitors, and the Board think the time has come when its moderate development may properly be undertaken. For better buildings for the housing of the animals, \$3,000 is deemed necessary. There are now on the island 4 elk, 65 deer, 2 bears, 7 foxes, 2 prairie dogs, 2 raccoons, 1 hedgehog, 3 eagles, 6 owls, 7 pheasants, 4 wild turkeys, and 1 peacock. In the immediate future, quail, and black, gray and fox squirrels are to be introduced.

The Board are anxious either to secure the running of the ferryboats to the landings on the south side of the island, or to have a line of electric launches operated around the island, and in either event, the existing docks

will have to be repaired and covered, or new docks built. The work of road making will also have to be continued the coming season, and for these purposes \$4,700 will be needed.

Altogether, the Board deem an appropriation of \$161,750 necessary for the ensuing fiscal year. Of this amount, \$78,550 will be needed for ordinary maintenance, and \$83,200 for necessary and desirable improvements. The Board are pursuing a policy of rigid economy, and their estimates for maintenance, it will be observed, are \$4,000 less than the actual cost in 1894, and \$8,000 less than in 1893.

The Belle Isle approach to the bridge spanning the river will shortly need renewal on account of the rotting of the piles of which it is formed. While not under the care of this Board, it really forms part of the Island Park, and the Commissioners are extremely solicitous that it shall be in harmony with the Park improvements, completed or in prospect. They deem therefore, that no step should be taken for the erection of a new approach, without their thorough co-operation and approval, although the letting of the contracts and supervision of the work legally comes within the province of the Board of Public Works.

Further particulars of the work done the past year, with the details of the expenditure, will be found in the reports of the Secretary and Superintendent appended hereto.

All of which is respectfully submitted.

FRED GUENTHER,
GEORGE C. WETHERBEE,
CHARLES K. LATHAM,
JAMES E. SCRIPPS,

Commissioners.

DETROIT, February, 1895.

REPORT OF THE SECRETARY.

To the Hon. the Commissioners of Parks and Boulevards:

GENTLEMEN—I herewith have the honor to submit in a condensed form a statement of the work performed upon Belle Isle Park, the City Parks and Boulevard, during the year ending December 31, 1894; also a statement of all revenues and expenditures of the Board during the same period.

BELLE ISLE PARK.

There was constructed during the year a roadway around the Northeast Lake, 6,200 feet in length, with an average width of 30 feet, together with the approaches to three stone bridges, by which it is carried over intersecting canals, at an actual cost of \$5,643, not including the top-dressing, $1\frac{1}{2}$ inches thick, of bank gravel. The roadbed, after being excavated, was filled in with slag to a depth of 10 inches. Three inches of cinders were deposited on top of that material, and a top-dressing of gravel $1\frac{1}{2}$ inches thick placed over all for a wearing surface. It is finished, with the exception of a small section 1,200 feet in length which requires the top-dressing only, and which will shortly be spread, and the entire driveway completed by March 1st. The cost of the work, exclusive of the graveling, was $27\frac{1}{3}$ cents a square yard.

In addition to this roadwork, six miles of driveway (less 783 square yards) were re-graveled, from $1\frac{1}{2}$ to 2 inches in depth, at a cost of $1\frac{1}{2}$ cents per square yard, or about \$75 per mile.

IMPROVING GROUNDS AT NORTHEAST LAKE.

There were also 45 acres of ground surrounding the Northeast Lake graded and leveled, and 26 acres of this area seeded, at an expense altogether of \$11,246.

The Northeast Lake embraces some 33 acres, and will have a uniform depth of four feet when the water is at its mean level.

STONE BRIDGES.

Six stone bridges were erected during the season as follows:

One across the outlet to the Northeast Lake, of 29 feet span,





STONE BRIDGE AT OUTLET OF MARSH RUN, BELLE ISLE.

with segmental arch of rubble stone and parapets of field stone. This was designed by A. E. Varney & Co., and cost \$3,559.

One across the southerly outlet of the Loop Canal, of $32\frac{1}{2}$ feet span, elliptical arch of rubble stone, with voussoirs and parapets of Amherst stone. This was designed by Stratton & Baldwin, and cost \$4,187.

One across the northerly inlet of the Northeast Lake, an elliptical arch of rubble stone of 36 feet span, with Amherst stone parapets, also designed by Stratton & Baldwin, and costing \$4,578.

One across the southerly inlet of the same lake, an elliptical arch of concrete of 35 feet span, with voussoir and parapets of Bedford limestone. Of this Mason & Rice were the architects, and the cost was \$3,999. Robert Dunn was the contractor for these four.

One over Marsh Run at its junction with the Loop Canal. This is a segmental arch of 24 feet span, constructed of concrete with facings of Berea stone. This was designed by Mortimer L. Smith & Son, and cost \$6,055. It is ornamented on its westerly face with carved medallions bearing the arms of the City of Detroit and State of Michigan, which were artistically modeled by Melchers & Siebert, and carved by Edward Wagner.

One to the Bath House Island, a segmental arch of steel beams supporting a soffit of stone slabs well bedded in concrete, with facing and balustrade of Bedford limestone. This has 30 feet span, was designed by Mortimer L. Smith & Son, and cost \$5,438. Of the two last named bridges Alexander Chapoton was the contractor.

All six were built under the immediate superintendence of J. T. Heard, at a total expense for such superintendence of \$600.

The erection of these bridges has demonstrated that stone arches can be more cheaply erected than iron ones, while as they will need no repairs and will last for centuries, the wisdom of using stone for such construction hereafter must be undoubted.

THE BATH HOUSE.

The plans for the Bath House were designed by Architect W. B. Stratton, and the building erected by W. G. Vinton & Co., under the supervision of Nicholas Matzen.

There are altogether 101 bathrooms, sufficiently commodious for two persons in each apartment. Of these rooms 57 are devoted to the use of men and boys, and 44 for women and girls. There is also a locker room containing accommodations for 50 persons, and a hook room, free for all, where 100 more can be provided with dressing

DEEPENING THE SKATING LAKE.

The Skating Lake, situated at the southwestern portion of the Park, was deepened by an average of fifteen inches from the Power House at its westerly extremity, up to the bridge near the Boat House, at its easterly end. At low stages of water it had become practically impassable for pleasure boats. The excavation embraced an area of about seventeen acres, and the expense attending the improvement was \$5,133.

WALKERVILLE DOCK.

The old and decayed wharf projecting out into the river at the southwestern point of the island, known as the Walkerville Dock, was entirely removed under contract with A. J. Dupuis, at a cost of \$318. The old piles were used in the foundations of the new stone bridges.

REPAIRING THE CASINO.

The Casino building was renovated and repaired last spring, preparatory to its being occupied by the new lessee, J. W. Hangsterfer, and substantial improvements were made. The building was repainted, new toilet conveniences of latest style were introduced, the inside woodwork varnished and oiled, the furniture repaired and renovated, sleeping apartments for the help constructed, a new and modern range substituted for the old one, the store-rooms on first floor altered and remodeled, and a general renovation of the entire premises effected, at a cost altogether of \$1,940.

BOULEVARD PAVING.

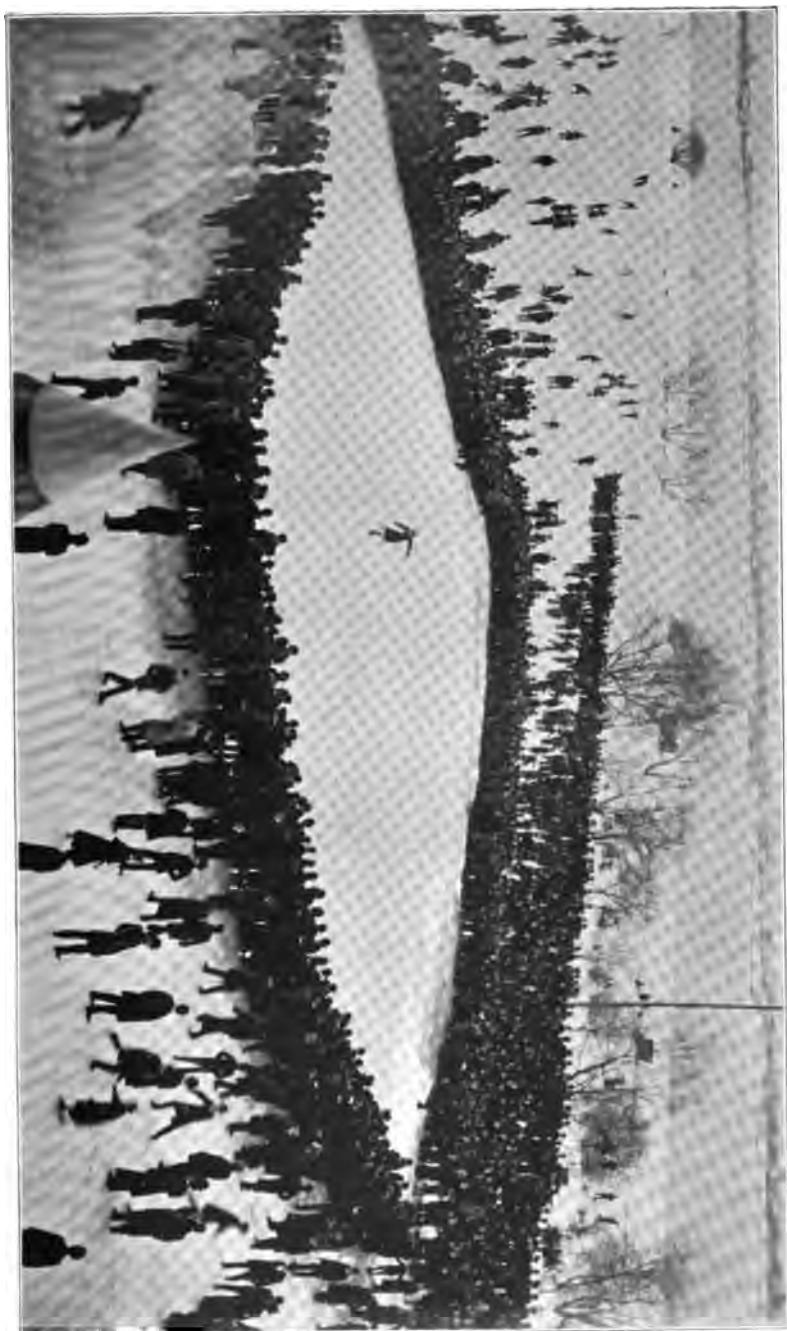
There was paved in the eastern section of the city on this roadway, 4,200 lineal feet, or about four-fifths of a mile, extending from Oakland Avenue easterly 600 feet, and from the foot of the easterly viaduct approach to Sargent Street, the northeastern extremity of the Boulevard, at a cost, including the intersections at Chene Street and St. Aubin Avenue, of \$21,413.

On the western division of the Boulevard, about one-third of a mile of the roadway was paved, extending from Toledo Avenue to Dix Avenue, and the easterly driveway between Dix Avenue and Shady Lane. The cost of this improvement was \$8,170.

The character of the pavement was limestone Macadam, consisting of two courses, seven inches and two inches thick, respectively, with a top-dressing of bank gravel for a wearing surface two inches deep.

The paving on Sections 5 and 7, on the northeastern and north-

SCENE ON SKATING LAKE, BELLE ISLE.



western sections of the Boulevard, were completed and finished early in the season, the main part of the work having been accomplished the season before, excepting only the depositing and rolling of the material employed for the wearing surface.

There are, altogether, eleven and two-thirds miles of paving completed at the present time, including one and four-fifths miles of double driveway, of which one and two-fifths miles are located on the northern section, and the remainder on the southwestern section, between Fort Street and Dix Avenue.

There remains unpaved one and three-tenths miles of single roadway, and 2.36 miles where a double driveway is laid out but where one only of the said driveways is paved.

There were also 82,474 square yards of paving surface re-graveled, and 870 cubic yards of fine crushed cobble spread upon the street, together with a quantity of crushed limestone distributed upon the western section, where ruts and depressions had been worn owing to the passage of heavy trucks and vehicles, at a total cost of \$4,546.99, as herewith shown :

Limestone on western section—material and labor,	\$1,302 00
Crushed cobble, for top-dressing,	" 1,086 14
Re-graveling 82,474 square yards	" 2,158 85
Total.....	\$4,546 99

RAILROAD CROSSINGS.

After several years of litigation in the effort to secure the right of way to cross the railroad tracks, attended with the usual vexatious delays, the present Board adopted the more practicable and expeditious plan of entering into an amicable agreement with the M. C. R. R., the D., G. H. & M., and the Chicago, Detroit & Canada G. T. R. R. Companies, mutually satisfactory to all parties, whereby the city secured the right to cross the tracks of the aforesaid companies at Russell and Dequindre Streets, east of Woodward Avenue.

This arrangement provides a crossing at the Russell Street intersection at grade, and by means of a viaduct at Dequindre Street. The crossings have been effected in both instances, that at Russell Street being planked with heavy oak timber, safety gates with projecting arms erected on either side, with a watchman constantly in charge for the protection of vehicles and passengers. The viaduct at Dequindre Street has been completed since last November, together with approaches on either side about 300 feet in length. Cinders have been deposited upon the approaches, a railing con-

structed the entire length, and facilities for uninterrupted traffic upon the Boulevard are now completed from Buchanan Street, on the westerly section, to the Belle Isle Bridge, a distance of about 9 miles.

The cost of this improvement complete was \$21,590, and embraced the following items :

Crossing the M. C. R. R. tracks at Russell Street..	\$ 6,000 00
Crossing the G. T. Ry. Co. tracks at Russell Street,	1,500 00
Constructing the viaduct across the tracks at Dequindre Street (\$21,135), Board's proportion	
two-thirds of this amount.....	14,090 00
Total.....	<u>\$21,590 00</u>

There was \$1,900 additional expended for building and completing the approaches, embracing altogether a distance of 600 feet, one-half on either side of the bridge, the said approaches being ten feet in height at greatest elevation.

TREE PLANTING.

The number of trees planted on the Boulevard aggregated 901 altogether, distributed through the several sections as follows :

On the Eastern Boulevard	402
On the Western Boulevard.....	251
On the Northern Boulevard.....	248
Total.....	<u>901</u>

The total cost of the trees and the labor in planting and caring for them, amounted to \$2,249, as follows :

Cost of trees	\$ 934
Planting.....	292
Care of same.....	890
Stakes and supporting straps.....	133
Total.....	<u>\$2,249</u>

The trees planted were of the following varieties : American elms, hard maples, European and American lindens, Norway maples, and catalpas.

On Belle Isle Park there were, in addition, planted a total of 768 trees at various localities as noted : south of the Deer Park, 66 trees; north of the North Shore Road, 279 trees; along Central and Vista Avenues, 85 trees; both sides of the road around the Northeast Lake, 284 trees; at the Southwest Lake, 54 trees; consisting of American elms, weeping willows, catalpas, cut leaf birch, poplars, red cedars,



CENTRAL AVENUE, FROM THE CASINO, BELLE ISLE.

hard maples, birch, European fir, balsam fir, arbor vitæ and Norway pine, and the expense attending this work amounted to \$200.65. The cost of the stock, all nursery grown, was \$349.

In addition to the above, 1,800 shrubs were set out and planted in various localities upon the Park.

There were 356,780 carpet and bedding plants propagated in the Belle Isle Greenhouses, and they were distributed among the several Parks and Lawns as follows :

Belle Isle Park.....	203,200
Grand Circus Park.....	55,800
Cass Park.....	28,200
Belle Isle Bridge approach.....	32,500
Capitol Park.....	1,000
Clinton Park.....	800
Campau Park.....	700
Opera House Lawn.....	24,580
City Hall Lawn.....	3,100
West Park.....	200
Crawford Park.....	400
Elton Park.....	300
Boulevard.....	6,000
Total.....	<u>356,780</u>

GRADING LAWNS.

On the Western Boulevard, extending from Fort Street to Grand River Avenue, there were 49,541 square yards, or about ten and one-quarter acres, of lawns graded and leveled, at a cost of \$755.

On the Northern Boulevard twenty and one-third acres of lawns were seeded over at a nominal expense, and on the eastern section thirty-one acres of lawns were reseeded at a cost of \$16. In addition there were 19,800 square yards of lawns graded, or about four and one-tenth acres, at an expenditure of \$413.

Arrangements have recently been perfected, and operations already commenced, for laying three and one-half miles of water mains on the Eastern, and three-fifths of a mile on the Western Boulevard, which will complete the water facilities through the entire length of that thoroughfare. It is expected that this undertaking will be finished the present spring.

CLARK PARK.

There was \$1,412 expended on Clark Park, and it was applied exclusively to grading, seeding, and improving the grounds. Sixteen

acres of land were graded, and 11,604 cubic yards of earth hauled to and deposited on the grounds.

PERRIEN PARK.

This Park, located in the northeasterly portion of the city, was improved by hauling and spreading a large quantity of earth, 13,754 cubic yards, and grading the grounds, 5,730 square yards, in which work the sum of \$993 was expended.

PALMER PARK.

There was constructed during the season 965 rods of wire fence at a cost of \$724; also a driveway around the borders inside the inclosure, and the course of the township road was changed so as to pass around its northerly terminus, at an expense altogether of \$659.

For grading and draining, surveying and repairing bridges there was expended \$500, making a total expenditure during the season of \$1,882.84.

CADILLAC SQUARE.

In Cadillac Square eighteen trees were set out, the cost for this work amounting to \$106. The trees were large elms, nine to twelve inches caliber, transplanted from the forest, and cost \$123 delivered at the Park. Other improvements, including grading and removing accumulations of debris, amounted to \$318.

CAPITOL PARK.

This Square was improved by grading down and sodding, laying out gravel walks, planting nine large forest trees (elm), nine to eleven inches in diameter, the whole work, including the cost of tree planting, amounting to \$384.

RECREATION PARK.

This space was improved by grading the lawns, making sewer and water connections and erecting hydrants, to the extent of \$329.

BELLE ISLE BRIDGE APPROACH.

At Belle Isle Bridge approach, fourteen large elms were planted, and the labor of planting them, including the cost of the trees, amounted to \$147. In addition, the laying of water connections, embellishing lawn space and sodding the embankment amounted to \$900 more.

FINANCIAL STATEMENT.

BALANCE ON HAND, JANUARY 1, 1894—

Park and Boulevard fund.....	\$ 28,688 92
Boulevard Improvement fund.....	32,337 79
Boulevard Right of Way fund.....	150 81
	<u> </u> \$ 61,177 52

RECEIPTS—

From taxes, 1894.....	\$146,896 77
" " previous years.....	9,928 37
" Casino privilege, 1893.....	625 00
" Skating privilege, 1893.....	312 50
" Boat privilege, 1894.....	1,705 00
" Casino and Skating privilege, 1894,	2,625 00
" sale of deer, horses, scrap iron, counters, etc.....	498 19
" Bathhouse receipts.....	2,176 90
" Ferry licenses.....	20 00
" rent of horse	35 00
" rebates water mains, sewer, etc....	745 90
" Park wagon service.....	3,799 15
" proceeds of Park bonds.....	100,000 00
Total receipts, Park and Boulevard fund.....	269,367 78
" sale of Boulevard Right of Way bonds.....	25,000 00
Total resources.....	<u> </u> \$355,545 30

EXPENDITURES—

For maintenance of Belle Isle.....	\$ 52,652 10
" " City Parks.....	8,221 78
" " Boulevard	12,464 92
" " general administration.....	9,266 94
	<u> </u> \$82,605 74
For permanent improvements Belle Isle..	\$106,715 95
" " " City Parks.	8,088 43
" " " Boulevard..	103,589 79
	<u> </u> 218,394 17
Total expenditures	<u> </u> \$300,999 91

BALANCE, DECEMBER 31, 1894—

Park and Boulevard fund.....	\$47,748 75
Boulevard Right of Way fund.....	6,796 64
	<u> </u> 54,545 39
	<u> </u> \$355,545 30

EXPENDITURES IN DETAIL.

FOR MAINTENANCE OF BELLE ISLE—

Repairs of roads and walks.....	\$ 2,323 40
Sprinkling roads.....	1,473 11
Cleaning up grounds and cutting grass.....	5,439 13
Making and care of flower beds.....	2,817 63
Maintenance of greenhouses.....	2,937 03
Planting and care of trees and shrubbery.....	451 68
Repairs to bridges.....	1,031 68
" docks.....	837 88
" buildings.....	4,339 52
" lighting plant.....	178 39
" water tanks and ice house.....	580 45
Bathhouse maintenance.....	1,781 09
Seats, swings, rustic work, etc.....	296 85
Care closets and cesspools.....	795 75
Ice supply.....	231 67
Fuel.....	1,646 65
Lighting.....	2,494 66
Skating Lake maintenance.....	497 16
Park wagon service.....	2,122 19
Care of horses.....	4,392 90
Feed of horses and barn supplies.....	5,903 47
Horseshoeing.....	494 36
Repairs and renewals of harness and vehicles.....	2,001 05
Tools and implements and repairs.....	3,026 54
Horses purchased.....	100 00
Menagerie.....	1,478 90
Insurance.....	1,123 24
Life-saving service.....	282 00
Incidentals.....	749 86
Furniture and fixtures and repairs.....	823 88
	<hr/>
	\$52,652 10

MAINTENANCE OF CITY PARKS—

Repairs of walks and roads.....	\$ 661 24
Cleaning up grounds and cutting grass.....	1,437 58
Flower beds.....	966 42
Planting and care of trees.....	83 48
Repairs to fountains and water connections.....	1,401 00
Seats	231 29
Cleaning off snow.....	103 58
Caretakers.....	3,243 19
Incidentals.....	94 00
	<hr/>
	\$ 8,221 78
	<hr/>

MAINTENANCE OF BOULEVARD—

Sprinkling roadway.....	\$ 1,224 00
Caretakers	1,771 25
Care of lawns	979 04
Repairing roads.....	6,593 56
Sidewalks (repairs).....	858 75
Trees—planting and care of	1,038 32
	<hr/>
	\$ 12,464 92
	<hr/>

FOR PERMANENT IMPROVEMENTS ON BELLE ISLE—

New roads and walks.....	\$ 5,966 01
Slag and cinders for road making.....	3,649 25
Deepening lakes and canals	6,034 60
Engineering.....	1,078 19
Bathhouse	16,179 88
Horse shelter	3,110 06
Office and storeroom	248 21
Greenhouse—new boilers for.....	700 00
Electric light plant—engine, dynamo, etc.....	2,239 26
Hitching bays.....	640 06
Six stone bridges.....	28,568 08
Grading grounds at Northeast Lake	11,246 04
Grading grounds at other localities.....	4,481 76
Elk inclosure.....	1,195 01
Trees	708 75
Water mains and hydrants.....	18,111 28
Drainage and tiling	1,715 39
Horse fountain, stone purchased, etc.....	844 12
	<hr/>
	\$106,715 95
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PERMANENT IMPROVEMENTS IN CITY PARKS—

Constructing roads and building fences, Palmer Park,	\$ 1,882 84
Improvement of Cadillac Square.....	424 71
" Recreation Park,.....	329 64
" Perrien Park.....	993 08
" Capitol Square.....	657 47
" Medbury Park.....	628 57
Grading grounds and toilet pavilion, Clark Park....	2,954 55
Improving other City Parks.	<u>217 57</u>
	\$ 8,088 43

PERMANENT IMPROVEMENTS ON BOULEVARD—

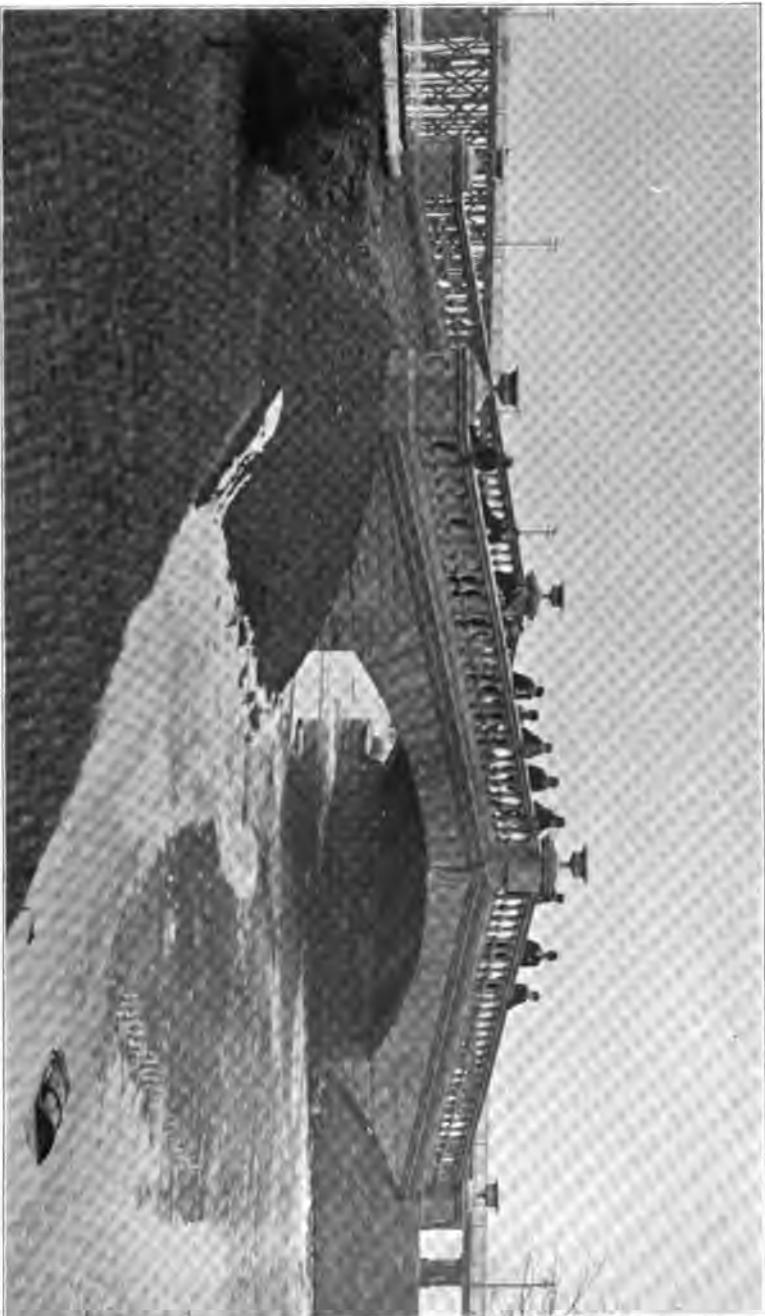
Paving.....	\$ 76,603 82
Sewers and receiving basins.....	2,432 68
Grading and seeding lawns.....	1,515 05
Tree planting.....	1,226 00
Water connections and hydrants.....	76 47
Intersection, side and crosswalks.....	476 98
Engineering and supervision.....	1,629 80
Railway crossings and viaduct.....	19,628 99
	\$103,589 79

ADMINISTRATIVE EXPENSES—

Office rent and telephones.....	\$ 817 83
Secretary and clerical staff.....	3,440 00
Superintendence.....	4,061 57
Printing and stationery.....	944 54
Legal services.....	3 00
	\$ 9,266 94

The foregoing is a correct statement of all receipts and expenditures disbursed by the Board for every purpose during the year ending December 31, 1894, and the certificates of the City Controller to the correctness of the balances to the credit of the several funds at the close of the year, is appended hereto.

WM. H. CHRISTIAN,
Secretary.



BRIDGE LEADING TO BATH HOUSE ISLAND, BELLE ISLE.

REPORT OF GENERAL SUPERINTENDENT.

To the Hon. the Commissioners of Parks and Boulevards:

I herewith respectfully submit my annual report for the year 1894.

To relieve the distress amongst the unemployed in the city, the Poor Commission made the request to your honorable body to furnish employment to the needy.

In accordance with this request, and your order, the construction of the road around Northeast Lake, and the grading of grounds on either side of said road, between Northeast Lake and the American channel, was commenced about January 1.

The grading embraced the excavation of a few spots containing black earth for top-dressing; the filling of the same and other low places with earth previously stored in the so-called mound; also the grading down of the embankments to an uniform slope towards the lake and river.

Labor for these improvements, embracing hauling, grading, excavating for top-dressing, cleaning inlets and outlets of the Northeast Lake, top-dressing, seeding, etc., for 217,909 square yards of surface, cost..... \$8,889 36

Material—Grass seed, lumber for dams, receiving basins, etc.....	304 79
Total	\$9,194 15

Equal to 4.22 cents per square yard.

The 6169.5 feet of roadway was constructed with a width of thirty-five feet, and a depth of twelve inches. Six-inch tile drains were placed on either side and bedded in furnace slag, after which a layer of ten inches of slag was spread upon the roadbed, over which were spread cinders, with a top-dressing of gravel. The cost of the material and labor in said construction was as follows:

Labor—Excavating, grading, laying tile, hauling and spreading of slag, cinders and gravel, \$5,428 14	
Material—13,332 lineal feet of tile	386 63
4,279 cubic yards of slag	2,466 10
1,004 cubic yards of cinders.....	1,083 15
1,215 cubic yards of gravel.....	1,518 75
Total	\$10,882 77

Equal to 45.36 cents per square yard.

The removal of the vegetable market building from the city to the upper end of Belle Isle, proved to be a very desirable improvement, as the public availed themselves thereof to such an extent that it often was overcrowded by people as well as horses. The necessity for a stone floor, horse-tie rails, and lavatories, became at once apparent, and the 2,140 square yards of floor was paved and grouted at 19.7 cents per square yard.....	\$421 52
The building of two lavatories.....	211 26
The setting of 470 lineal feet of pipe tie-rails.....	131 00
Janitor's wages.....	52 50
	<hr/>
	\$816 28

The removal of said shelter from the city and the erection of same on Belle Isle, including slating, painting, etc., amounted to \$2,250 63

To render the horse shelter accessible to vehicles from all sides, a driveway was constructed around the same at an expense of:

Material—Consisting of gravel and tile.....	\$246 47
Labor—Grading and hauling of clay and gravel.....	116 73
	<hr/>
Total.....	\$363 20

Equal to 13.11 cents per square yard.

As a section of 117 feet of the North Shore Road was not completed at the time said road was constructed, due to the soft and boggy condition of the ground at that time, this portion has since been constructed at an expense of:

Material—Tile, slag, gravel, etc.....	\$45 88
Labor.....	31 95
	<hr/>
Total.....	\$77 83

Equal to 20 cents per square yard.

The surface of the Inselruhe Road being defective, the same was repaired at an expense of:

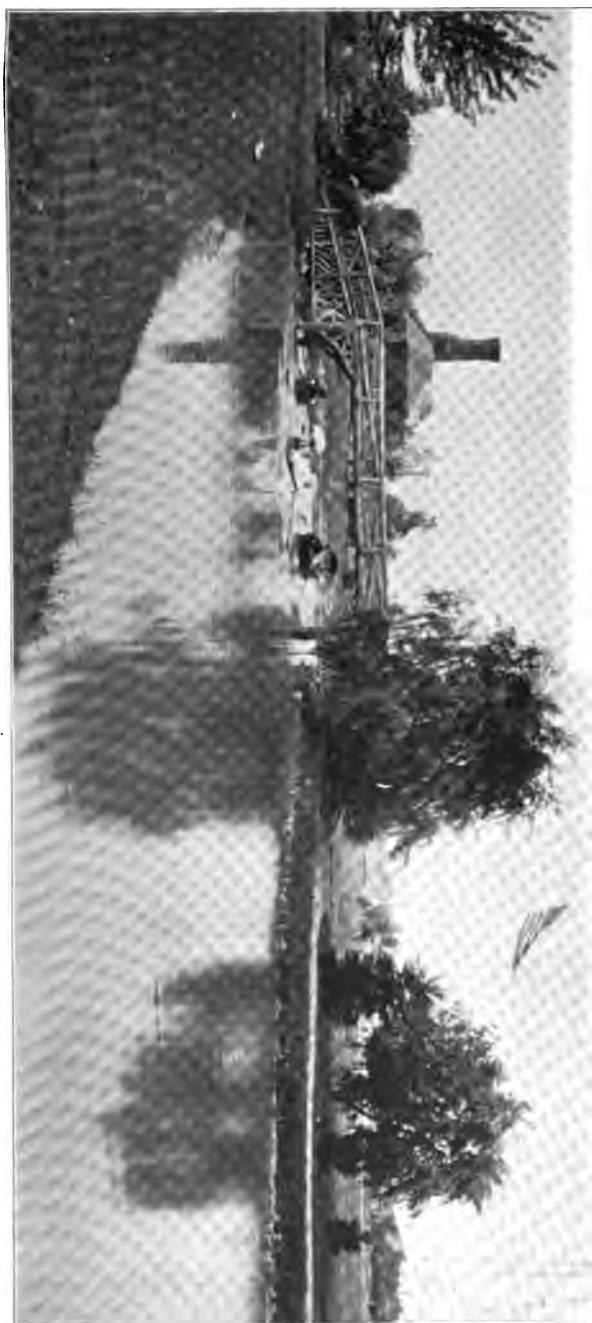
Material—Gravel.....	\$55 00
Labor—Grading, hauling gravel, rolling, etc.....	36 11
	<hr/>
Total.....	\$91 11

Equal to 16.6 cents per square yard.

Upon the completion of the Bathhouse, the walks were widened and extended to the different entrances of the building at an expense of.....

Equal to 6.72 cents per square yard.

RUSTIC FOOT BRIDGE NEAR POWER HOUSE, BELLE ISLE.



Upon the completion of the power house bridge, the road leading thereto, as well as approaches to same, were graded, tile drained and slag-ballasted at an expense of :

Material—Slag, etc.,.....	\$117 75
Labor.....	134 61
Total.....	<u>\$252 36</u>

Equal to 17.2 cents per square yard.

The hauling of compost from the barns to the Deer Paddock necessitated the construction of a road leading to the compost deposit in the paddock.

Labor—Excavation, hauling of stone and cinders, and spreading same	\$44 79
--	---------

Equal to 11.2 cents per square yard.

Complaints concerning the race track being numerous, it was deemed expedient to place same in proper condition by removing the stones from the surface and filling the soft spots with clay; after which the track was re-graded, pulverized, rolled and smoothed. The expenditure for the half-mile track of 18,167 square yards surface was :

Hauling 542 cubic yards of clay, @ 10.6 cents.....	\$ 57 48
Grading the surface, @ 57 cents	104 00
Pulverizing the surface, @ 5 cents	10 50
Stone-picking the surface, @ 36 cents	74 25
Rolling the surface, @ 10 cents	17 62
Smoothing the surface.....	3 75
Total	<u>\$267 60</u>

Equal to 1.47 cents per square yard.

From observation during the season, I have to report that the use of the track was insufficient to warrant said expenditure, as I failed to observe any considerable use of the track.

The condition of the ice houses necessitated the re-shingling of the roof, strengthening of building with truss rods, and the construction of permanent ice slides, platform, etc., involving an expenditure as follows :

Material—Lumber, shingles, valley tin, and truss rods,\$ 92 34	
Labor—Carpenter work.....	186 97
Painting	136 78
Total repairs to building.....	<u>\$416 09</u>

Owing to the mild weather, it was impossible to harvest any ice until the middle of February, when it reached a thickness of only six inches, which naturally increased the cost of harvesting.

About 732 tons of ice were harvested, at 32.73 cents.....\$239 51

The variable weather during the winter of 1893-94 prevented the formation of any good skating ice ; as, invariably, when cold weather set in, snow fell simultaneously, which, congealing on the surface of the water, formed such a rough and unsubstantial surface that skating could be indulged in to only a limited extent during said season.

To prevent the rise and fall of the water in the Skating Lake with the water in the river, three dams were placed at the inlets to said lake at an expense of.....\$ 45 35

Labor—Scraping, sweeping, sprinkling, etc..... 465 59

Total \$510 94

Equal to \$30.05 per acre.

By the courtesy of the Board of Public Works, the stone lining of the western half of the old water works reservoir was turned over to the Park Board. Our teams transported said material to Belle Isle, where it is now stored for future use. The amount expended for hauling 1,380 cubic yards, at 39.54 cents, was \$545.70.

In connection with said material, I would respectfully suggest that the same be used for facing the beaches and canal banks, which are now in a bad condition ; due to the action of the water and ice, which has made the banks treacherous and difficult of access by rowboats.

The necessity for rip-rapping the banks along the Canadian channel is becoming more apparent with the increased speed and size of the lake steamers, as the immense swells, sometimes containing hundreds of tons of water, rolling with enormous speed and violence against the shore, are tearing the banks to pieces, often dislodging large masses of earth. I would, therefore, respectfully suggest the advisability of securing the remainder of the stone facing at the reservoir to be used for this purpose.

The Southwest Lake, being the only lake on the lower end of the island available for the pleasure of boating, is taxed to its fullest capacity by lovers of this popular pastime, but for several years, owing to the original shallowness of the lake and sluggish current, which has permitted deposits of sediment, the boating has been greatly impaired. It was decided, therefore, to deepen the lake sufficiently to permit its free navigation by rowboats, and at the same time obviate the necessity of each fall pumping into the lake

an extra foot of water to create a sufficient depth for the formation of ungrounded ice for skating purposes.

For building dams, pumping, etc.....	\$320 67
Excavation of 30,201 cubic yards	4,829 44
	<u>\$5,150 11</u>

Equal to 17.05 cents per cubic yard.

Owing to the mortality amongst the trees on the lower end of the island, greatly due to old age and the drainage partially changing the nature of the soil, the removal of many dead trees has been necessary. If, upon the first appearance of dead branches, the trees were in all cases properly topped, many of these trees might be saved.

The making of about 152 cords of fuel wood from these dead trees, and removal of the stumps, cost\$325 72

Equal to \$2.14 per cord.

During the past year the drainage system on Belle Isle received considerable attention, and many extensions were made in localities where most needed, such as the deer paddock, the grounds adjacent to the barns and greenhouses; also the drainage of the upper end, made necessary by the erection of the horse shelter and the improvement of the grounds adjacent thereto for picnic purposes.

The former incorrect method of laying drains regardless of levels, causing the lower portions of drains so laid to burst from the retention and freezing of water in them, necessitated the relaying of several lines on the lower portion of the island.

Repairs to old drains cost.....	\$156 02
Drainage of deer paddock	476 17
Drainage at barns and greenhouses.....	35 17
Drainage at upper end.....	310 95
	<u>\$978 31</u>
Material—19,152 feet of 6-inch tile.....	\$582 68
237 feet of 8-inch tile.....	56 60
33 rolls tarred paper.....	33 64
½ iron for receiving basin tops	11 58
Lumber for receiving basins	22 53
	<u>\$707 03</u>
Total	\$1,685 34

The lack of rain and the absence of night dews in this climate during the summer months, when the island is most frequented, leave the ground in such a dry and parched condition that the green

sward is entirely worn away by the trampling of the multitudes. This annually necessitates the regrading and resodding of many portions, and the reseeding of others. The expense of grading and sodding 25,352 square yards, @ 4.21 cents, was \$1,067 76
 Seeding seventy-three acres, @ \$3.30 per acre..... 241 43
 Total \$1,309 19

The condition of the grounds extending along the north shore drive, between the police station and the Michigan Yacht Club, necessitated the grading and sodding of 2,393 square yards, @ 3.82 cents \$91 43

To put the grounds at the upper end of the island in a suitable condition for the picnickers who congregated there, it was deemed advisable to grade the low spots, and seed 48,400 square yards of said ground, at an expense of 1.15 cents per square yard..... \$564 22

In deepening the Southwest Lake, the surplus earth was utilized for regrading the islets of said lake, of an aggregate area of 5,176 square yards, involving an expenditure of..... \$245 89

Equal to 4.75 cents per square yard.

The maintaining in a clean and attractive condition of the one hundred acres of lawn west of Vista avenue requires constant and careful attention in the matter of weeding, fertilizing, rolling, watering, gathering picnickers' refuse, raking leaves and mowing. The weekly cutting of grass during the season aggregated 1,213 acres (@ \$1.11 per acre \$1,350 10

Raking 690 acres (@ \$1.48 per acre..... 1,020 17

The cleaning of woods east of Vista avenue, including the greensward bordering the roads, aggregating an area of 236 acres, (@ \$1.55 per acre..... 366 35

Fertilizing lawn west of Vista avenue 351 75

Rolling lawns 11 99

Watering lawns 429 05

Gathering picnickers' refuse 324 13

Cleaning deer paddock, 13 acres, @ \$1.62..... 21 06

Total..... \$3,874 60

To maintain in a proper condition the grounds devoted to games, required rolling and partial regrading and resodding. The baseball grounds were in constant demand during the summer months, while the cricket grounds were seldom used and the tennis courts went begging for devotees. The expenditure was as follows:

Baseball grounds—Labor.....	\$71 02
Material, base-bags.....	9 00

	\$ 80 02
Cricket grounds—Labor	\$22 38
Material, 30 iron posts.....	30 00

	52 38
Tennis courts—Labor	14 26

Total.....	\$146 66

The question of either filling or deepening Marsh Run was early in the season decided in favor of deepening, on account of the lesser expense and the securing of earth for grading; also to facilitate a better flow of water into the Loop Canal, and to extend the boating facilities. The expense incurred was:

Labor.....	\$802 53
Material—Lumber for dams	69 46

Total.....	\$871 99

Equal to 25.28 cents per cubic yard.

The dense growth of reeds and weeds in the canals and lakes, also along the beaches in localities out of the current, necessitates an annually increasing expenditure for cutting the same, which might be greatly obviated by damming and pumping out of lakes and canals, and exterminating the weeds by chemicals. The expenditure the past year was as follows:

Cutting reeds along beaches	\$37 50
Cutting weeds in lakes and canals	82 50
Cleaning beaches.....	66 45
Deepening canal at Boathouse.....	56 00

Total.....	\$242 45

To prevent injury to the concrete bottom of the Fish Pond from the action of frost, it is each fall filled with about 200 cubic yards of compost, which in the spring is removed, thereby incurring an expenditure of \$84 66

The deepening of the Lily Pond required the excavation of 81 cubic yards of earth, and the laying of 110 feet of tile connection to the river, amounting to..... \$19 68

To permit pleasure driving during the wet season, I recommend the rolling into the surface of a fine cubical or spherical crushed quartz, granite, or clean gravel, free from loam and clay, whereby, eventually, a durable, clean and hard surface, available at all seasons, would be formed. This would materially reduce the expense of

maintenance, as there would be no stones to pick, and comparatively little dust to sweep, also the continuous necessity of re-surfacing would be obviated. The expenditure for maintaining 11.75 miles of driveway and 7.5 miles of footwalks consists of:

Smoothing.....	\$ 47 75
Re-graveling.....	563 35
Edging	548 78
Weeding.....	379 67
Sweeping and stone picking	517 14

Total..... \$2,056 69

Equal to \$106.83 per mile of driveway and footwalk.

The sprinkling of the 11.75 miles of driveways amounted to \$116.57 per mile..... \$1,369 64

The rustic hitching bays having decayed beyond repair, it was decided to replace the same with durable iron hitching rails. This required 4,240 feet of 2-inch gas pipe, of which 1,590 feet was used for stanchions, and 2,650 feet for tie rails.

Labor—Erection and painting.....	\$ 257 80
Material—4,240 feet 2-inch pipe and fittings.....	373 45
Black japan for painting.....	3 77

Total..... \$ 635 02

Representing 30 hitching bays at \$21.17 each.

The repairs to the eleven rustic bridges required an aggregate expenditure of labor and material..... \$395 29

Averaging \$35.93 per bridge.

The erection of six stone bridges necessitated the building and removal of temporary bridges in four instances, for facilitating the work.

The expenditure involved, for labor and material, was..... \$218 79

The construction of six stone bridges on Belle Isle also necessitated considerable grading to form easy sloping approaches. Earth for said purpose was obtained by excavating under the bridges, from the so-called mound, and from the Southwest Lake. At the Power House bridge and the bridge over the outlet of Northeast Lake, land had to be made by filling into the water and protecting the embankments by sea walls of stone.

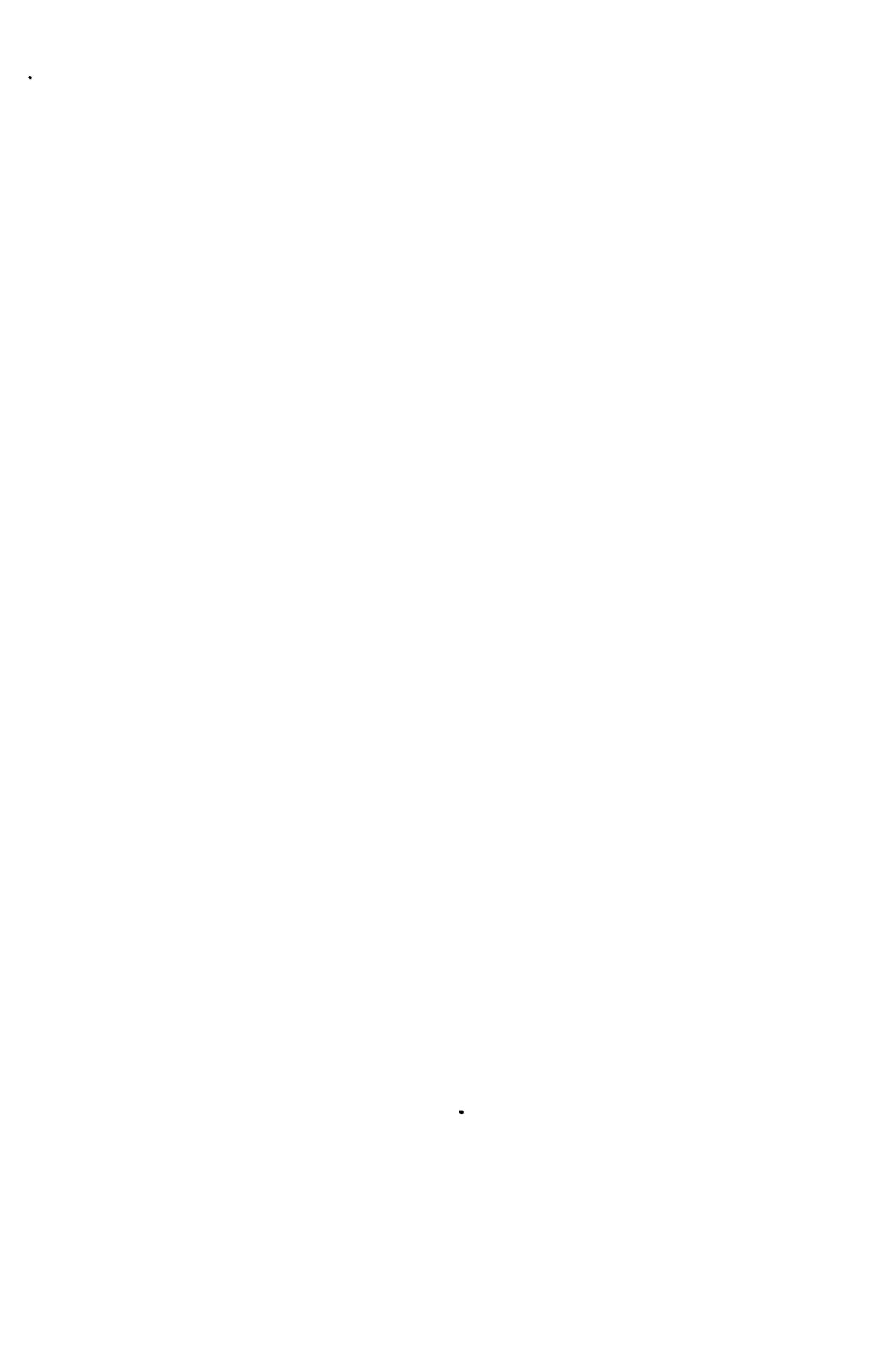
The approaches to the bridge over outlet of Northeast Lake required the filling in of:

3,849 cubic yards of earth at 28.7 cents.....	\$1,105 26
84 feet of 6-inch tile at 5.9 cents.....	4 96

Total \$1,110 22

VIEW IN THE SOUTHEAST QUARTER OF BELLE ISLE.





The approaches to bridge over south inlet of the same lake required the filling in of :

1,386 cubic yards of earth at 30.33 cents.....	\$420 48
124 feet of sea wall at 47.7 cents.....	<u>59 09</u>
Total.....	\$479 57

The approaches to bridge over north inlet of Northeast Lake required the filling in of :

1,293 cubic yards of earth at 31.6 cents	\$408 19
308 feet of sea wall at 11.5 cents.....	<u>44 57</u>
Total.....	\$452 76

The approaches to Marsh Run Bridge required the filling in of :

850 cubic yards of earth at 30.2 cents.....	\$256 97
Grading and cinder ballasting, 1,524 square yards roadway at 3.6 cents.....	<u>55 58</u>
Covering 2,123 square yards of roadway with gravel at 3.8 cents.....	80 75
Grading and re-sodding 2,720 square yards of side embankments at 3.5 cents.....	94 29
Material—189 cubic yards cinders at 29 cents.....	54 75
244 cubic yards gravel at \$1.25.....	<u>285 00</u>
Total.....	\$827 34

The unfinished approaches to bridge over outlet of Southwest Lake have so far required the filling in of :

2,578 cubic yards of earth at 25.2 cents.....	\$650 04
651 feet of sea wall at 13.3 cents.....	<u>86 86</u>
Total.....	\$736 90

The uncompleted approaches to the Bathhouse Bridge required the filling in of :

887 cubic yards of earth at 24.9 cents.....	\$220 49
Grading and re-sodding 1,585 square yards at 4.7 cents.....	<u>74 69</u>
Total.....	\$295 18

Five double cofferdams were built and filled with clay, to facilitate the construction of the new bridges. The labor of erecting, filling in and pumping out between dams, together with the lumber, aggregated..... \$246 38

Averaging \$49.27 each.

The rustic work on the old settees around trees, railings on different bridges, etc., necessitated an expenditure of.....\$45 85

The Band Stand, Shelter Pavilion near Michigan Yacht Club, the Rustic Pavilions north of Skating Pavilion, also the upper and lower Boathouses, required cleaning, painting and general repairs, as follows:

Carpenter work.	\$ 16 15
Cleaning and painting	138 25
Material—Paints, lumber, etc.	60 97
Total	\$215 37

The Skating Pavilion was supplied with flowing water from the Power House, which for pipe, fittings and labor amounted to \$224 75

Building, painting and glazing six storm doors	51 84
General repairs	72 77
Painting	100 00
Repairs to 102 chairs and 6 tables	28 30
Janitor	130 45
Repairs to stoves and hauling fuel	36 45
Total	\$644 56

When Mr. J. W. Hangsterfer took possession of the Casino, he suggested numerous repairs, which, after due consideration by the Board, were concurred in. Said repairs embraced rearrangement of lavatories, converting attic into sleeping rooms, storeroom into bottling and freezing room, also part of former smoking room into a storeroom. There was expended on the Casino as follows:

Labor—Carpenter work	\$412 40
Lumber, hardware, etc.	136 09
	548 49
Labor—Painting and glazing	\$147 83
Paints, oils, glass, etc.	96 57
	244 40
Iron work	14 10
Contract for plumbing and marble work	127 94
Hauling ice	\$ 78 26
Hauling coal	24 14
Hauling garbage and ashes	57 41
	159 81
Janitor	102 62
Furnishings—Flag and hose	34 75
Total	\$1,232 11



SKATING PAVILION, BELLE ISLE.

Repairs to furniture in Casino building aggregated:

Carpenter work, 89 tables	\$32 03
Hardware	7 43
	<hr/>
Scraping and varnishing 357 pieces.....	44 32
Four dozen chairs purchased	46 80
	<hr/>
Total.....	\$130 58

In addition to the contract work done on the Bathhouse, the following expenditures were made:

Painting and oiling	\$324 27
Paints, oils, etc.....	312 19
	<hr/>
Laying 1,260 feet of 2-inch water pipe.....	\$166 13
Pipe and fittings.....	168 98
	<hr/>
Tin roofing.....	63 30
Hauling 186 cubic yards stone for foundation.....	48 50
Carpenter work—electric light poles, sewer box, storm doors, shutters, etc.....	\$ 95 50
Painting same.....	42 08
	<hr/>
Total.....	\$1,220 95

To arrange the so-called Inselruhe building for occupation by two families, an addition was built at the east side and furnished with separate stairway, which, together with minor alterations, aggregated, for carpenter work.....	\$ 97 40
Painting	24 12
Plumbing and material for same	27 28
Pumping water and general labor.....	72 03
	<hr/>
Total.....	\$220 83

Converting the old police station into an office, and building an addition to same for storage, involved an expenditure for moving, carpenter work, painting, material, etc., of..... \$282 99

The repairs to the barn buildings consisted of building an oat bin, improving the teamsters' quarters, adding two box stalls, repairing floor, etc.

Carpenter work, painting and labor.....	\$285 20
Lumber, paint and hardware	136 67
	<hr/>
Total.....	\$421 87

The worn-out condition of dump carts and dirt wagons necessitated the rebuilding of boxes and running gears, which, together with repairs to sprinkling wagons, involved an expenditure for carts, wagons and sprinklers, as follows:

Blacksmith work.....	\$331 31
Carpenter work.....	238 09
Cleaning and painting.....	101 91
Iron work, lumber and paint	247 99
Centrifugal pump.....	30 00
Axle grease.....	23 30
Total.....	<u>\$972 60</u>

Equal to \$38.90 per vehicle.

The maintenance of the phaeton service on Belle Isle for the year required the employment of cashiers, drivers, one washer and one watering man, involving a salary list as follows:

Cashiers	\$ 641 50
Drivers.....	1,203 83
Washer.....	168 24
Watering man	77 00
	-- \$2,090 57
Painter, carpenter and blacksmith work	16 34
Lap robes, lanterns, whip sockets, sponges, chamois, axle grease, etc.	63 19
Total.....	<u>\$2,170 10</u>

38,248 passengers were carried during the year.

The refusal of the underwriters to insure the Skating Pavilion, owing to the use of arc wiring in same, and the necessity for illuminating the Bathhouse, Band Stand, Men's Pavilion and the roads between main bridge and Skating Pavilion, required the purchase of fixtures, wire, lamps, etc., as follows:

Bathhouse	\$461 15
Labor—Carpenter and blacksmith	50 14
	<u>\$ 511 29</u>
Casino.....	\$120 20
Labor—Carpenter.....	8 75
	<u>128 95</u>
Skating Pavilion.....	\$ 59 38
Labor—Underground conduit	54 06
	<u>113 44</u>

COMMISSIONERS OF PARKS AND BOULEVARDS.

35

Band Stand and Men's Pavilion	\$ 73 86
Islets in Southwest Lake—Labor.....	36 84
Illumination of the road—Labor.....	\$102 36
Illumination of the road—Material.....	73 70
	176 06
Power Station, current regulator.....	73 71
General painting of poles—Labor.....	\$ 24 38
General painting of poles—Material.....	11 60
	35 98
Total.....	\$1,150 13

The wiring and placing of fixtures was done entirely by the engineer and his assistant.

The expense of running the power plant for furnishing 20 arc lights, 280 incandescent lamps, and pumping water for the buildings, sprinkling roads and lawns, amounted to :

Salaries.....	\$1,920 00
Night fireman for sprinkling lawns.....	47 50
Labor, mason work, etc.....	32 81
Carpenter work.....	30 96
	\$2,031 27
Oil-burner, dynamo segments and brushes, injector and general material.....	\$ 135 85
Oil, waste and packing.....	61 77
Fuel.....	625 07
	822 69
Total.....	\$2,853 96

In virtue of the above, if the incandescent lamps are reduced to the basis of arc lights, the total number of arc lights would be fifty-five, maintained at \$51.89 each per annum.

The decayed and unsafe condition of the old Walkerville Dock made the removal of same necessary, the expense incurred being \$514.61, including cost of preserving 170 oak piles, a quantity of oak lumber and 30 cords of fuel wood.

The repairs to the breakwater, floor, railings and gangways of the shelter dock, amounted to, for labor.....	\$130 19
Lumber, bolts, etc.....	109 68
Total	\$239 87

The repairs and maintenance of seventy-five closets and three cess-pools on Belle Isle, amounted to :

PARK AND OUTDOOR A
AUG 10 1891
WARREN H. MANNING, Secy
1146 Tremont Bidg., Bos

Seventh Annual
Report

JM
No.
Box
G. A. S.

COMMISSIONERS OF

Parks and
Boulevards

CITY OF DETROIT

FOR THE YEAR

1895



THE LOG CABIN IN PALMER PARK.



Paul Drach.

SEVENTH ANNUAL REPORT

OF THE

COMMISSIONERS

OF

PARKS AND BOULEVARDS

TO THE

COMMON COUNCIL OF THE CITY OF DETROIT

FOR THE YEAR 1895

DETROIT

1896

Board has been primarily directed to a partial closing of this gap. It is a most difficult section to deal with because crossed by two extensive groups of railway track. Near the intersection of Magnolia street the Boulevard is planned to cross the Grand Trunk, the Lake Shore and the Detroit & Bay City railroads, just at the point where the latter branches off to the southward to join the main line of the Michigan Central, which divergence much increases the width of the railroad right of way and will render a very long viaduct or tunnel necessary if the crossing is effected at this point. The other crossing is of the main line tracks of the Michigan Central between Twenty-fourth street and Vinewood avenue, and here is located an extensive system of interlocking switches, rendering a crossing at grade entirely impracticable. To effect a crossing at this point the Board first applied themselves.

The city owned no right of way across the railroad, and owing to the costly switches the grade of the tracks could not, without great expense, be either raised or depressed. The building from which the switches are operated also stands directly in the line of the Boulevard, so that an overhead crossing became impracticable. Nothing remained, therefore, but to tunnel under the railway. The railway company met the Board with becoming fairness and agreed to contribute \$10,000 towards the cost of a subway and to render all reasonable facilities for its construction.

This being settled, on August 22nd, 1895, a contract was entered into with Thomas J. Kennedy for the building of an elliptical arch of Melan construction under the railway, the plans for which had been drawn by Mr. W. H. Ashwell, the Board's engineer, and approved by the engineering staff of the railway company. The amount of the contract was \$34,122, and the Board were to provide in addition the temporary false work needed for the carrying



BRIDGE AT SOUTHERN INLET TO MAH-NAH-RE-ZEE LAKE.

of the tracks of the railway company while the work of construction was going on. This was estimated to cost about \$3,500 more. The width of the railroad right of way at this point is 108 feet and the span of the arch 56 feet. The clear height above the pavement is to be 13 feet. The abutments were constructed and the steel ribs put in place before winter set in, but the concrete filling between the ribs had to be postponed till spring. The work is a remarkably fine piece of engineering, and will be at once an ornament and a credit to the city.

The approaches to the subway on either side extend back about 500 feet, and will cost for excavation about \$4,450 more. This work is mostly completed. Early in the coming summer it is expected to have the Boulevard opened and paved from Toledo avenue northward to Myrtle street.

In order that this new section of the Boulevard might be improved in accordance with the most advanced ideas on the subject, the Board employed Mr. Nathan F. Barrett, of New Rochelle, N. Y., one of the most accomplished landscape gardeners in this country, to prepare full and detailed plans for its laying out, planting and ornamenting. Under his advice the system of straight roadways will be departed from, and from Michigan avenue northward a serpentine course will be adopted. In this section, too, an artificial mound has been constructed to hide from the Boulevard the unsightly back yards of the houses fronting on Twenty-sixth street. If ever these houses are rebuilt and faced upon the Boulevard, it is anticipated that their ground floors will be elevated to the level of the summit of the mound, thus giving a pleasing variation of levels in a section by nature so uniformly flat. The mound is to be well covered with trees and shrubbery and intersected with footwalks. South of Michigan avenue a specimen will be given of the formal gardening of the period of Louis XIV.

The total expense for maintenance of the Boulevard for the past year has been :

... Labor as above.....	\$7,490.76
Crushed granite and gravel...	3,264.63
Trees purchased.....	370.65
Repair of crosswalks.....	86.58
	<hr/>
	\$11,212.62

For the coming year \$12,100 will be required as there will be a mile greater length to patrol, sprinkle, clean and care for.

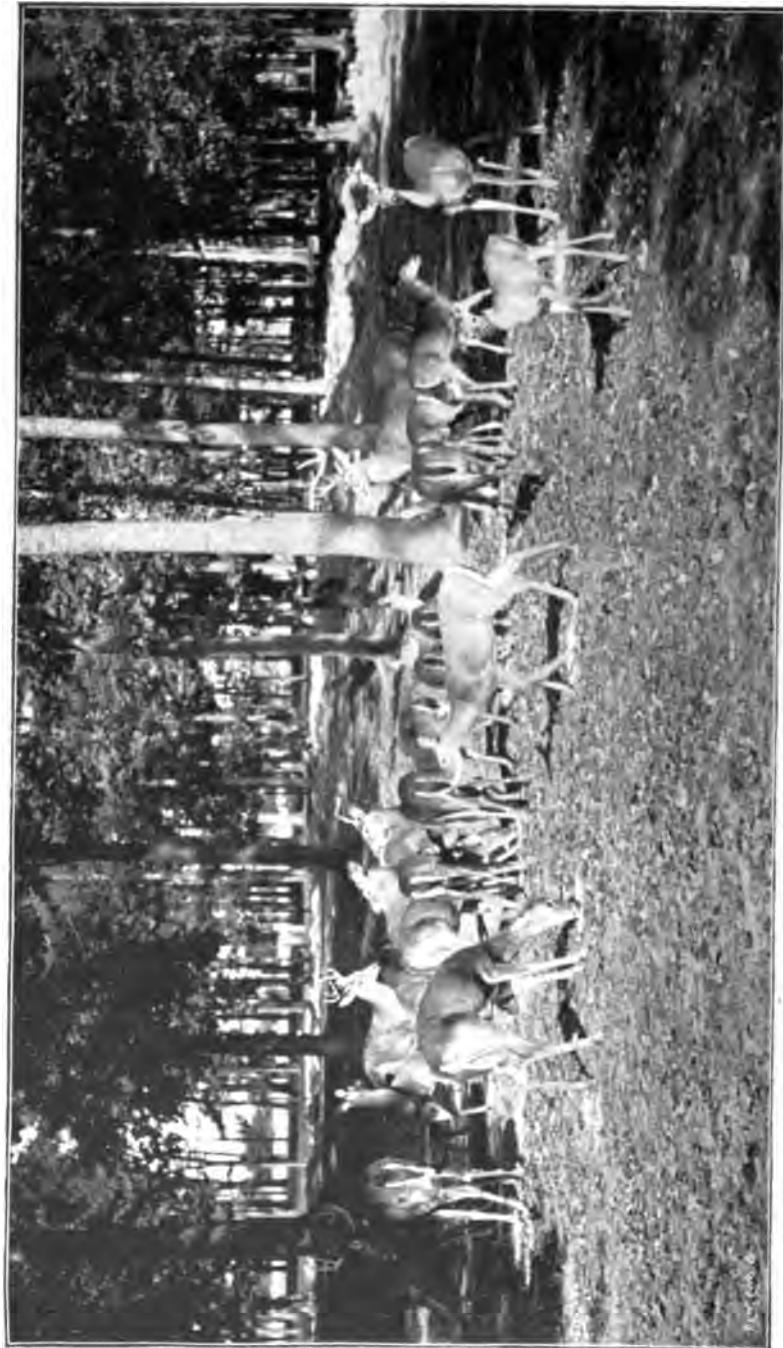
PALMER PARK.

In Palmer Park a 24-inch sewer has been laid from the intersection of the Connor's Creek ditch with Woodward Avenue for over 5,000 feet through the center of the park as the basis for a drainage system. This sewer was laid by J. W. Simcock at a cost of \$5,434, including some necessary laterals.

There was also erected early in the season a shelter pavilion costing \$1,131.53, and 1,650 feet of plank walk has been laid connecting the electric railway station with the Log Cabin.

A space of five acres has been prepared for a nursery in which the Board will hereafter propagate much of their own shrubbery. Much has also been done in this park in the way of cleaning up dead underbrush and improving the roads. The entire expenditure for permanent improvements in this park has been \$7,503.41.

On December 14th, 1895, Hon. Thos. W. Palmer turned over to the Board the possession, use and care of the Log Cabin and surrounding grounds, which had previously been reserved by him for his own use during his life time, so the entire property is now in the custody of the Board and with proper restrictions is open to the use and enjoyment of the public.



HERD OF DEER ON BELLE ISL.

For permanent improvements the coming year the Board think \$8,000 should be expended, and they estimate the cost of maintenance and repairs at \$2,000 including the care of the nursery.

CLARK PARK.

The improvements in Clark Park the past season have included the erection of a shelter pavilion of wood on a foundation of masonry costing \$1,670, of which Archibald M. Stewart was the architect and John Vandergyp the builder. There has also been brought to the park and set up a band-stand formerly in the Exposition grounds, which was presented to the city by the Solvay Company, the purchasers of the exposition property. The cost of removal and re-erection of this was \$580. For the filling, seeding and planting with shrubbery of certain low spots in the park \$550 was expended. The total cost of permanent improvements in Clark Park was \$2,803.73.

The needed improvements for the coming year will be light and are included below in the estimates for the small parks.

OWEN PARK.

It has been possible to do nothing in Owen Park beyond proceeding with the filling and grading of the same. During the year 9,800 cubic yards of earth were hauled in and spread at a cost of \$1,190. To fully comply with the deed of gift \$1,500 should be expended the coming year.

Perrien Park has also been filled and graded and is now ready for laying out and planting, work which must be done this season. One thousand dollars will be the minimum amount required.

Recreation Park the Board feel should be liberally improved the present year.

Cadillac Square and Capitol Square the Board have graded, seeded and planted with trees and a few beds of flowering plants, but they deem their more elaborate improvement should await the completion of the buildings expected in the near future to front upon them.

To construct a 40-foot basin for a fountain in Capitol Square, \$1,500 will be necessary, it being deemed advisable to begin this improvement the present season.

For the other small parks, including Medbury, Recreation, Clark, Crawford, Elton, Stanton, Macomb, Cass, West, Opera House Lawn, City Hall Lawn, Cadillac, North, Clinton, Adelaide Campau and Grand Circus \$5,200 is asked for permanent improvements. For the maintenance of all the city parks aside from Belle Isle and Palmer Park \$5,500 is asked, or including Palmer Park \$7,500. The cost last year was \$7,170.95.

BELLE ISLE.

The chief improvement on Belle Isle for 1895 was the erection of two sides of the quadrangle which is ultimately to embrace the barns, sheds and shops for the island. The quadrangle will be 168 feet by 196 feet in size, substantially built of brick, with tile roof. The portion constructed this year includes stables with 49 single and two box stalls, harness and repair rooms, carpenter, blacksmith and paint shops, store rooms and office. There are also living apartments for the barn superintendent, and ample loft room for hay and feed. The architects of the building were Messrs. Mason & Rice, and the contractor Robert Dunn. The cost has been \$12,053.21. It is thought with \$10,000 more the quadrangle can be completed, when ample storage room will be provided for vehicles, machinery, tools, seeds and for an abundant supply of hay.

Some alterations and improvements were made in the bath house before the opening of the season, look-

ing to the increase of its capacity. These included an addition of 50 feet in the length of the building and the fitting up of the second story of the westerly pavilion for dressing rooms. The cost of these improvements was \$1,316.32. The number of bathers during the season was 52,182, viz.: 49,667 males and 2,515 females. The receipts were \$1,445.85; cost of maintenance \$2,245.07. The reason of the falling off in the patronage of the bath house as compared with the previous year was mainly the lowness of the water, the river being throughout the season some 18 or 20 inches below its normal level.

For the better drainage of the deer paddock, the stables and the zoological gardens, 1,000 feet of 24-inch crock drain was laid, emptying into the river near the police station. The cost of this work was \$2,869.

The deer paddock embraces 12½ acres and is occupied by a herd of 72 deer, old and young. It is intended to reduce this herd by exchange for other animals. During the year a commodious shelter for the herd has been completed at a cost of \$407.

A space of three acres has been cut off from the lower end of the deer paddock for a zoölogical garden. A lake for aquatic birds has been excavated, and the surface of the surrounding ground made undulating with the earth thus secured. Roads and walks have been laid out through this space and plans have been prepared for a series of buildings adapted to the housing of wild animals. The only one which the means at the disposal of the Board has permitted of completion thus far is a bear pit, substantially constructed of masonry and iron work. It is in three compartments, in which it is hoped soon to exhibit specimens of the polar, the grizzly and the common Michigan bear. The cost of the bear pit has been about \$2,300.

The herd of elk now numbers 11 head. The completion of the elk shelter, the grading up of the ground around it

and the deepening of the lake in the enclosure involved an expenditure of \$530.61.

To complete the zoological gardens and the buildings contemplated \$6,500 is asked, and \$3,000 more for the purchase of additional animals.

The capacity of the green-houses has been considerably increased at a cost of \$185.64.

A ladies' toilet pavilion with eight closets, wash basins, etc., has been erected on the banks of Marsh Run, near the music stand, to take the place of the group of unsightly closets hitherto disfiguring the locality. Messrs. Stratton & Baldwin were the architects, John Vandergyp the contractor, and the cost complete was \$796, or including grading, drainage and planting about it \$1,085.49. Two more similar pavilions should be erected the present year in other parts of the island, for which \$2,500 will be needed.

Ten drinking fountains of iron, supplied by city water, have been erected at convenient localities, replacing as many of the large drinking tanks, which have in the past required so much labor and attention. The cost of these fountains, including the connections and drains, has been \$497.17. The entire lower half of the island is now supplied with city water, the entire expenditure for the year for the water system being \$8,311.51. It is the intention of the Board to extend the water pipes to the head of the island the coming season, so that a supply of water may be had for sprinkling purposes without the great expense of special pumping heretofore incurred. For this \$3,300 will be needed.

Repairs to the Casino to the amount of \$719.50 were made during the year. These included the remodeling of the sleeping apartments, the providing of fire escapes, the refitting of the toilet rooms, the repairing of the roof and improving the kitchen conveniences. The fact is being forcibly impressed upon the Board that this building is



NEW BARNS ON BELLE ISLE.

altogether inadequate to the needs of the great crowds who throng the island during the summer season, and the erection of a second building where shelter and refreshments may be provided is occupying their serious attention. It has been thought that the present skating pavilion might, with slight change or addition, be adapted for this purpose, but in any case it is the wish of the Board to provide a bakery where visitors will at all times enjoy the luxury of securing perfectly fresh rolls and cakes.

Last season the use of Shetland ponies was introduced on the island; also the letting of bicycles by the hour. The latter proved so popular that a contract is about to be entered into with certain parties by which, in consideration of a three years' franchise for the letting of wheels, they are to assume the cost of a permanent building particularly adapted to the requirements of wheelmen. It will contain check room, repair shop, waiting rooms for gentlemen and ladies, and all other necessary conveniences.

During the year there were 2,780 lineal feet of roadway reconstructed with slag foundation and proper drains, at a cost of \$3,738. There were also over 30,000 square yards of road resurfaced with gravel. The entire cost of road and walk making, including the purchase of a large stock of slag for future use, has been \$6,865.62.

Water was admitted to the new Mah-nah-be-zee Lake on May 30th, 1895.

Without presuming to suggest the methods by which it may be done, the Board recommend that the Common Council dedicate certain streets leading from the central portions of the city to the Boulevard as Boulevard approaches; that such streets be perpetually kept free from street railway tracks and heavy traffic.

They would also suggest the necessity in the near future of an additional bridge to Belle Isle, and one over which

railway tracks may be laid, so that passengers may be carried from all parts of the city directly to the island park. It has been thought that Owen Park would form a suitable approach to such new bridge.

Respectfully submitted,

GEORGE C. WETHERBEE,

CHARLES K. LATHAM,

JAMES E. SCRIPPS,

CARL SCHWEIKART,

Commissioners.



HERD OF ELK ON BELLE ISL.

BROWN & HIGGINS CO.

FINANCIAL STATEMENT.

BALANCE ON HAND, JANUARY 1, 1895—

Park and Boulevard fund.....	\$ 47,748 75
Boulevard Right of Way fund.....	6,796 64
	_____ \$ 54,545 39

RECEIPTS—

From use of Plants.....	\$ 13 68
" Bicycle privileges.....	100 00
" feed of ponies.....	206 25
" Park wagons.....	6,448 40
" Water connections Detroit Boat Club	100 00
" Sale of Deer.....	40 00
" Appropriations of 1895.....	128,318 92
" of previous years...	15,375 65
" Pony privilege.....	222 81
" Boating privilege.....	1,200 00
" Casino privilege.....	4,375 00
" Bathhouse receipts.....	1,445 85
" Ferry licenses.....	20 00
" Rebate on sidewalks.....	58 67
" Soldiers' Monument appropriation.	100 00
	_____ \$158,025 23
Total resources.....	\$212,570 62

EXPENDITURES—

For maintenance of Belle Isle.....	\$ 53,074 13
" " Boulevard.....	10,972 25
" " City Parks.....	7,170 95
" General administration.....	9,080 33
	_____ \$ 80,297 66
For Permanent improvements Belle Isle..	\$ 41,598 28
" " Boulevard .	31,018 72
" " City Parks.	12,080 99
	_____ \$ 84,697 99
For Boulevard right of way	\$ 4,739 06
Total expenditures.....	\$169,734 7

BALANCE DECEMBER 31, 1895—

Park and Boulevard fund.....	\$ 40,648 05
Boulevard right of way fund.....	2,187 86
	_____ \$ 42,835 91
	_____ \$212,570 62

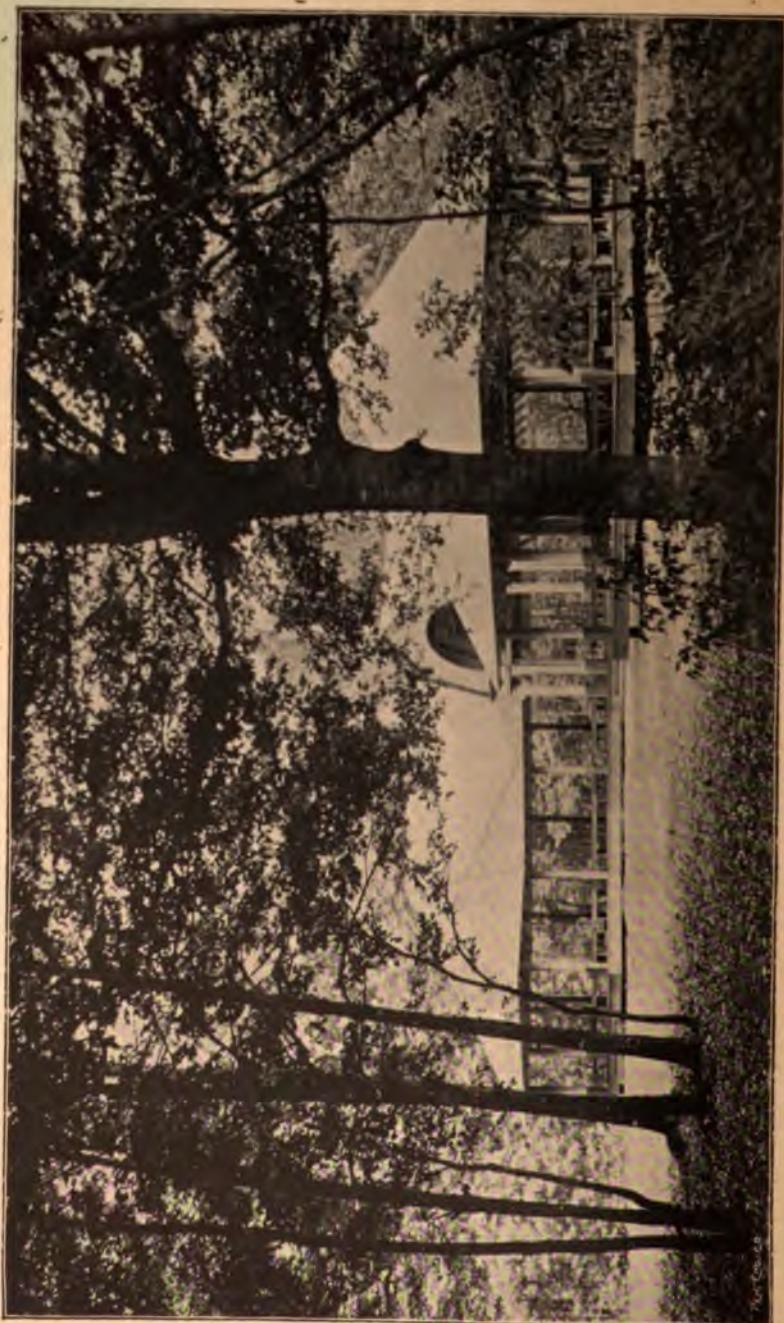
EXPENDITURES IN DETAIL.

FOR MAINTENANCE OF BELIE ISLE—

Repairs of roads and walks.....	\$ 2,756 58
Sprinkling roads.....	1,615 03
Cleaning grounds, cutting grass, etc.....	5,415 59
Making and care of flower beds.....	2,038 24
Maintenance of greenhouse.....	3,314 03
Planting and care of trees and shrubbery.....	380 03
Repairs to bridges.....	720 37
" " docks.....	316 71
" " buildings	1,899 53
" " water tanks and ice and water supply.....	438 88
Bathhouse maintenance.....	2,245 07
Seats, swings, signs, etc.....	806 94
Care of closets and cesspools.....	451 15
Ice supply.....	133 80
Fuel.....	1,425 45
Lighting	2,737 62
Skating lake maintenance ..	881 45
Park wagon service ..	3,021 69
Care of horses.....	3,440 58
Feed of horses and barn supplies.....	6,313 48
Horseshoeing.....	413 06
Repairs and renewal of harness and vehicles.....	2,107 38
Tools, implements and repairs.....	2,677 69
Horses purchased.....	575 00
Menagerie, including purchase of birds and animals..	2,746 81
Insurance	1,011 36
Incidentals	694 36
Band concerts.....	853 17
Drainage and repairs.....	51 29
Furniture and fixtures and repairs.....	179 29
	<u>\$51,661 63</u>

FOR MAINTENANCE OF BOULEVARD—

Sprinkling roadway.....	\$ 1,576 91
Caretakers.....	3,321 50
Care of lawns.....	853 37
Sidewalk repairs.....	86 58
Repairing roads.....	3,742 38
Trees, planting and care of.....	1,261 23
	<u>\$10,841 97</u>



PAVILION IN PALMER PARK.

FOR MAINTENANCE OF CITY PARKS—

Repairs of roads and walks.....	\$ 602 66
Cleaning up grounds and cutting grass.....	1,188 32
Flower beds.....	537 76
Planting and care of trees.....	136 44
Repairs to fountains and water connections.....	368 18
Seats.....	110 83
Cleaning off snow.....	357 35
Caretakers.....	3,624 86
Rent of tool house and repairs to pavilion.....	244 55
	\$ 7,170 95

FOR PERMANENT IMPROVEMENTS ON BELLE ISLE—

Breakwaters.....	\$ 484 88
Greenhouse.....	185 00
New roads and walks.....	6,865 62
New barn.....	12,053 21
Deer park, lake and grading.....	3,673 00
Bear den.....	1,241 49
Electric light plant.....	202 00
Ladies' toilet pavilion.....	1,085 49
Grading grounds N. E. lake.....	1,270 30
" " at other locations.....	2,813 57
Drainage and tiling.....	248 88
Trees.....	90 50
Bathhouse.....	1,316 32
Settees	175 00
Canals and lakes.....	1,154 13
Elk shelter.....	374 83
Hitching bays.....	52 55
Engineering.....	1,412 50
Water system and drinking fountains.....	8,311 51
	\$43,010 78

FOR PERMANENT IMPROVEMENTS ON BOULEVARD—

Sidewalks	\$ 154 50
Lawns.....	1,591 61
Trees.....	370 65
Water system.....	5,187 55
Subway.....	20,093 59
Paving section 11.....	1,522 68
Roads at viaduct.....	367 82
Landscape engineer.....	1,860 60
	\$31,149 00

FOR PERMANENT IMPROVEMENTS CITY PARKS—

Constructing roads and sewer, Palmer Park	\$ 6,371 88
Improvement of Medbury, Macomb and North Parks.	50 39
" " Cadillac Square.....	619 10
" " Perrien Park	364 56
" " Clark "	549 25
" " Recreation Park.....	131 31
" " Owen "	608 55
Buildings, Clark Park...	2,254 48
" " Palmer Park	1,131 53
	<u>\$12,080 99</u>

FOR BOULEVARD RIGHT OF WAY—

Purchase of lands.....	\$ 514 25
Tax titles.....	130 28
Balance on Viaduct over Grand Trunk Railway.....	4,094 53
	<u>\$ 4,739 06</u>

ADMINISTRATION EXPENSES—

For office rent and telephones.....	\$ 791 52
Printing and stationery.....	492 13
Secretary and clerical staff.....	3,513 00
Superintendence and clerk, Belle Isle.....	4,283 68
	<u>\$ 9,080 33</u>

CITY CONTROLLER'S OFFICE, }
DETROIT, Mich., Jan. 9, 1896. }

I hereby certify that the balance to the credit of the Park and Boulevard Fund at the close of business December 31, 1895, was \$40,648.05.

F. A. BLADES, Controller.

CITY CONTROLLER'S OFFICE, }
DETROIT, Mich., Jan. 9, 1896. }

I hereby certify that that the balance to the credit of the Boulevard Right of Way Fund at close of business December 31, 1895, was.....\$2,187 86

As per comparative statement below:

Controller's balance.....	\$2,190 86
Less warrants 25, 31 and 38, aggregating altogether	3 00
as per City Treasurer's certificate hereto attached and	
which have not been presented for payment at the close of	
business December 31, 1895.	

\$2,187 86

F. A. BLADES, Controller.



HORSE SHELTER AT UPPER END OF HELIK ISLE.

ESTIMATES FOR 1896-7.

The appropriations for the current year with the estimates for the year to come thus compare :

	APPROPRIATIONS 1895-6.	ESTIMATES 1896-7.
Boulevard improvements.....	\$ 43,550 00	\$ 50,000 00
Small Parks improvements.....	11,300 00	19,700 00
Belle Isle improvements.....	29,900 00	52,550 00
Boulevard maintenance.....	9,000 00	12,100 00
Small Parks maintenance	7,000 00	7,500 00
Belle Isle maintenance.....	36,000 00	55,455 00
General administration.....	10,500 00	11,100 00
	<hr/>	<hr/>
	\$147,250 00	\$208,405 00

EXPENDITURES FOR PREVIOUS YEARS.

The expenditure for maintenance and permanent improvements for a series of years has been as follows :

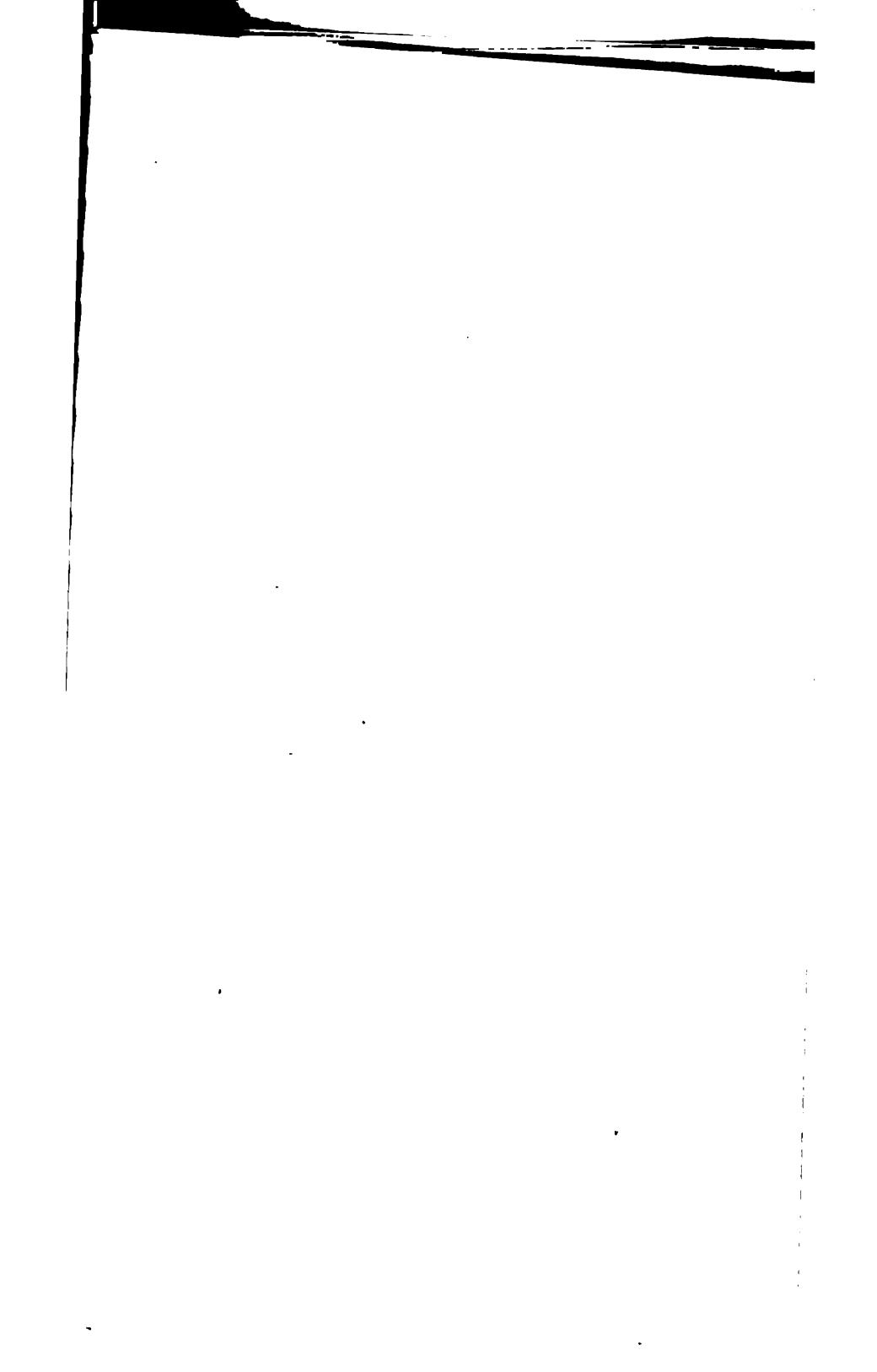
	MAINTENANCE AND ADMINISTRATION.	PERMANENT IMPROVEMENTS.	BOULEVARD RIGHT OF WAY
1889.....	\$37,295 18	\$ 60,986 01	
1890.....	49,221 86	123,192 03	
1891.....	73,821 74	105,285 42	\$ 99,477 84
1892.....	81,747 03	307,026 95	108,982 40
1893.....	86,923 35	298,140 24	842 45
1894.....	82,605 74	218,394 17	
1895.....	80,304 54	84,828 39	4,739 06

The expenditures for each department of the Park and Boulevard service for the past seven years has been as follows :

	BELLE ISLE MAINTENANCE.	CITY PARK MAINTENANCE.	BOULEVARD MAINTENANCE.	ADMINIS- TRATION.
1889.....	\$ 23,354 84	\$ 2,155 92	\$ 5,149 73	\$ 6,634 60
1890.....	28,723 85	5,212 50	7,501 60	7,783 91
1891.....	46,773 96	10,216 77	10,354 97	6,476 04
1892.....	48,244 79	11,636 62	11,411 85	10,453 77
1893.....	62,085 44	7,385 39	4,570 67	12,881 85
1894.....	52,652 10	8,221 78	12,464 92	9,266 94
1895.....	51,661 63	7,170 95	10,841 97	9,080 33
	<hr/>	<hr/>	<hr/>	<hr/>
	\$313,496 61	\$51,999 93	\$62,295 71	\$62,577 53

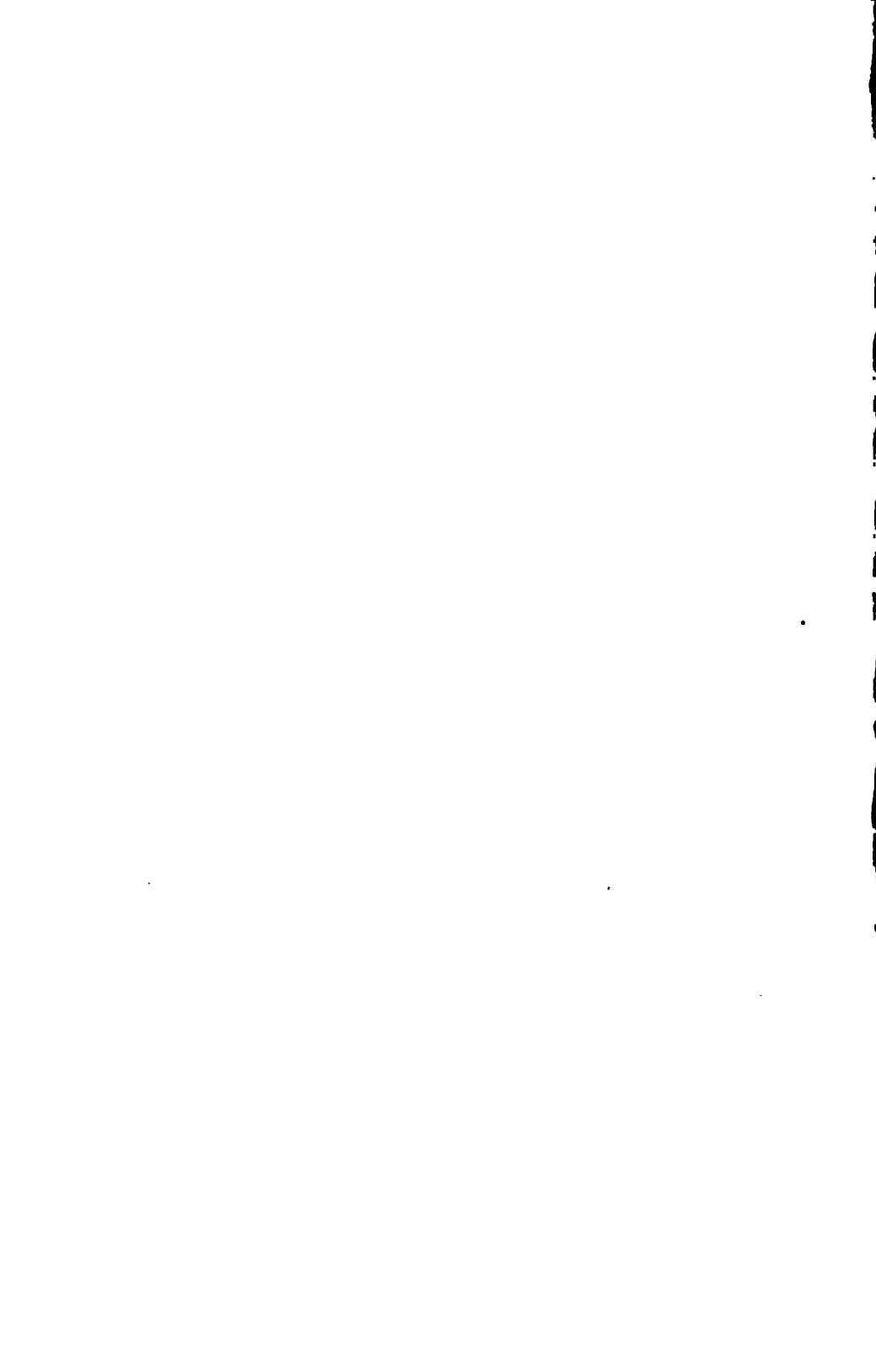
SEVENTH ANNUAL REPORT.

	BELLE ISLE IMPROVEMENTS.	CITY PARK IMPROVEMENTS.	BOULEVARD IMPROVEMENTS.	BOULEVARD RIGHT OF WAY.
1889...	\$ 59,562 30		\$ 1,423 71	
1890...	117,629 88	\$ 2,782 79	2,779 36	
1891...	85,323 70	13,927 03	6,034 69	\$ 99,477 84
1892...	34,393 96	4,083 51	268,549 48	108,982 40
1893...	96,602 05	5,897 67	195,640 49	842 45
1894...	106,715 95	8,088 43	103,589 79	
1895...	43,010 78	12,080 99	35,757 71	4,739 06
	<hr/> <u>\$543,238 62</u>	<hr/> <u>\$46,860 42</u>	<hr/> <u>\$613,775 30</u>	<hr/> <u>\$214,041 75</u>









G. A. Parker

INDEXED

No. 54

Box 4

G. A. PARK

EIGHTH ANNUAL
REPORT *



CITY OF DETROIT.

FROM JANUARY 1, 1896,

TO JULY 1, 1897. *



EIGHTH ANNUAL REPORT

OF THE

COMMISSIONERS

OF

PARKS AND BOULEVARDS



COMMON COUNCIL OF THE CITY OF DETROIT,

FROM JANUARY 1, 1896,

TO

JULY 1, 1897.



DETROIT.

1897.

Commissioners of Parks and Boulevards.

ARTHUR S. PARKER,	.	.	.	MAY 31, 1898.
CARL SCHWEIKART,	.	.	.	MAY 31, 1899.
P. H. A. BALSLEY,	.	.	.	MAY 31, 1900.
B. R. HOYT,	.	.	.	MAY 31, 1901.

JB

Officers.

ARTHUR S. PARKER,	.	.	.	PRESIDENT.
CARL SCHWEIKART,	.	.	.	VICE-PRESIDENT.
M. P. MURLBUT,	.	.	.	SECRETARY.



LOG CABIN AND LIGHT HOUSE, PALMER PARK

EIGHTH ANNUAL REPORT OF THE COMMISSIONERS OF PARKS AND BOULEVARDS.

To the Honorable, The Common Council:

GENTLEMEN:



THE Commissioners of Parks and Boulevards in conformity to law herewith submit their Annual Report; and in conformity to the custom established by previous Commissioners, this Report is for the Calendar year 1896.

Several changes have occurred in the personnel of our Board since the beginning of the year. Commissioner James E. Scripps resigned in March, and Mr. Arthur S. Parker was appointed his successor; Commissioner George C. Wetherbee's term expired May 31, and Mr. Philip H. A. Balsley succeeded him; Commissioner Charles K. Latham submitted his resignation in November to take effect on the appointment of a successor, but not later than December 31. The year closed without a successor to take his place.

A Report like this for the calendar year cannot show a financial statement of the receipts and expenditures of any one year's appropriation, as it covers the last six months of the previous fiscal year and the first six months of the present fiscal year—the fiscal year beginning July 1st, and the Report for the calendar year beginning with the month of January preceding. Moreover a comparison between the receipts and disbursements of any two calendar years affords no reliable information, as in one year payments to contractors and others may be deferred by differences in settlements till the beginning of the following year, and again, as at present, all matters may be settled and payments made before the close of the year.

Attention is called to this matter that the statements contained herein may be examined with a knowledge of the facts.

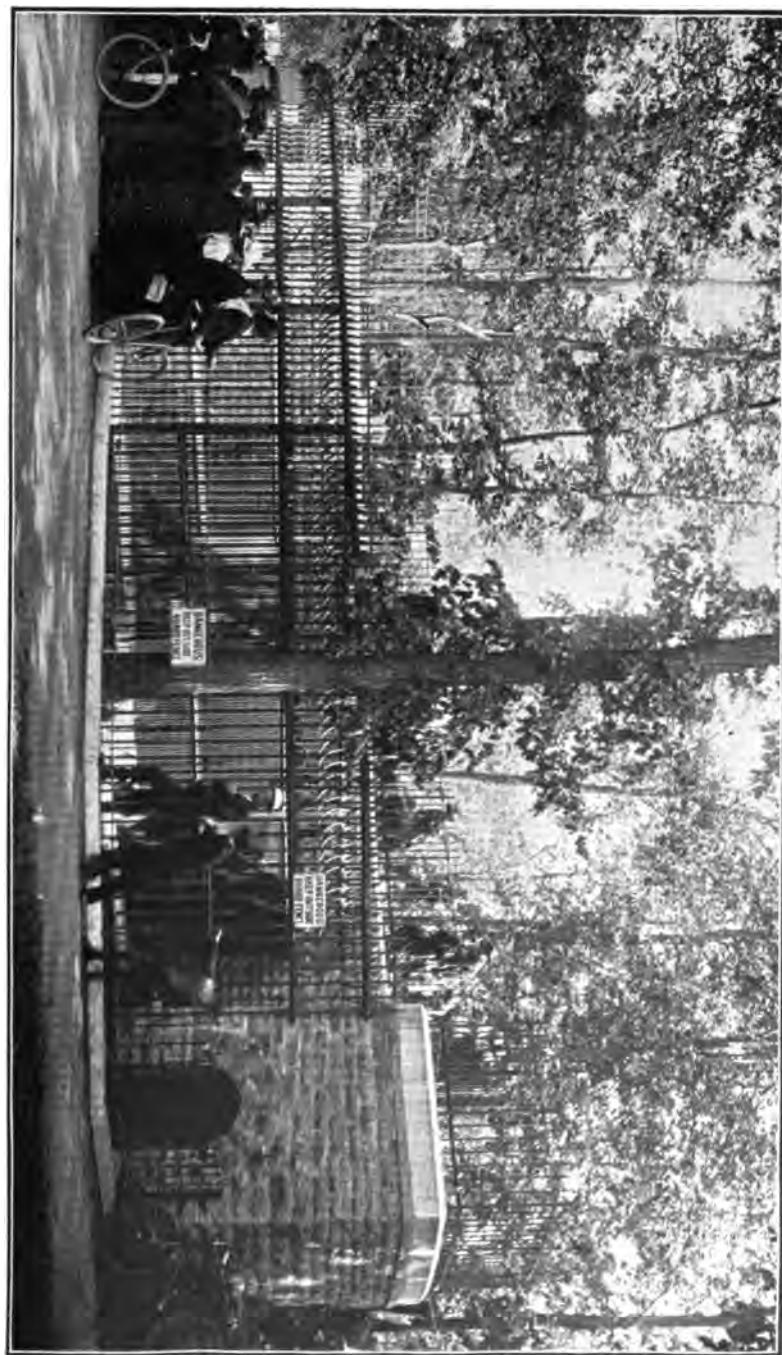
POLICY OF THE COMMISSION.

The policy of the Commission from the beginning of the year to the completion of active operations in the fall was so distinctively marked and carried out that the principal objects embraced therein may be easily enumerated as follows:

1. The completion of all improvements begun.
2. The maintenance in good condition of all lawns, walks and driveways, and the improvement of the ways most used.
3. The erection of drinking fountains for people and for horses on Belle Isle and the Boulevard.
4. The management of the Casino, boating and bicycling privileges for the best accommodation of the public.
5. The establishment of a small menagerie or Zoological Garden on Belle Isle.
6. The protection absolutely of the forests and under-growth on Belle Isle from attempted improvements.
7. The making of such necessary improvements on the Boulevard and Parks as the limited appropriation would permit.
8. The cessation of all active work during the late fall and winter and the enforcement of rigid economy during this part of the year.

In other years some more extensive improvement, or line of improvements, has claimed the particular attention and consumed the time of the Commissioners. This year is marked rather for the general business character of the Commissioner's administration and the endeavor of the Commissioners individually to give close attention to the details of work in all departments, both in matters of maintenance and improvements. This course resulted in giving very general satisfaction to the public throughout the season.

BEAR PIT, BELLE ISLE PARK.





MAINTENANCE.

The system of policing the Boulevard, small parks and Palmer Park with caretakers, so called, has been continued with success. Formerly this Commission appointed mounted police for the Boulevard and special foremen for small parks, and these men were sworn in by the Police Commission as police officers for their respective places. A special allowance was made in the annual appropriations to pay these men. In 1894 this appropriation was cut off and given to the Police Commission and the Police Commission refused thereafter to confer police authority on our men, claiming that their Commission could effectively police the Boulevard and small parks in connection with the adjacent parts of the city. Thereupon the Park Commissioners succeeded in getting an act passed by the Legislature which conferred upon them the right to give police authority to any appointee in care of the Boulevard or parks. From that time to the present our Commission has kept nine caretakers on the Boulevard, one on Palmer Park and eleven on small parks. These caretakers are obliged, in addition to their police duties, to keep the Boulevard and parks clean, the small parks mowed and sprinkled and to attend to certain repairs. Thus they are fully employed with manual labor when their time is not taken up with their duties as officers. Belle Isle is policed by the Police Commission, but this park is too large to be properly cared for by two or three policemen in uniforms. With a more liberal appropriation for maintenance, the same system of caretakers could be introduced there in addition to the policemen in charge.

Material for the wearing service of driveways and walks has received careful attention for several years and the Commission determined at the beginning of this year from previous investigation and observation that Michigan limestone is too soft for the purpose. It becomes pulverized, causes a dusty road, and is soon

displaced by the wind and by horses and vehicles. Gravel cannot make a firm road surface unless it has with it earth of sufficient binding quality. Gravel with sand makes a very loose surface, and gravel with heavy clay makes a very sticky surface when wet. After examining the different gravel pits along the Bay City Railroad, the Detroit, Lansing & Northern Railroad, and down the river banks, and using some from several of these pits, a few boat load were obtained from Melosh's pit on the Canadian shore for roadways on Belle Isle, which was considered better and cheaper than could be had from any other source. On the whole, however, the Commission determined crushed cobble stones or boulders, called granite screenings, to be decidedly the best material for a wearing surface, although it is more expensive than the other material mentioned. A considerable amount of this material has been used on the Boulevard and on some of the walks in small parks during the past season with entire satisfaction.

The Casino privileges were handled differently this year than heretofore. The Casino on Belle Isle was leased for a consideration of 15% of all gross receipts instead of a fixed rental. Its management has been satisfactory and the income from this source has been since April 1st, \$2,931.30.

This change was made to take from the lessee the temptation to impose upon the public in order to pay his rent and have a little left. The Pavilion on Belle Isle was let separately from the Casino this year for the first time, and it has been kept as a place of refreshment without beer or spirituous liquors, and has paid since April 1st, \$250.

The Bath House under the charge of Mr. Charles A. King was well kept, well patronized and popular. The number of bathers was 50,585.

The letting of bicycles has come to be one of the paying privileges leased by the Commission, and to accommodate bicycle riders many extra seats were placed on the upper end of Belle Isle and a few along the Boulevard.

If the popularity of the wheel continues, a shelter or pavilion and checkroom are contemplated for the further convenience of riders.

The Boating has been interfered with by low water in the canals and by the greater popularity of the bicycle.

The Bath House and the Casino, Pavilion, Boating and Bicycle privileges each yielded a revenue to the Commission this year.

It was found to be more economical to hire teams through the busiest season than to buy more horses, and the older Commissioners who have had most experience and observation in this matter think it would be still more economical if the Commission should keep only about one-half as many horses as heretofore, and hire horses for use during the busy months of July and August, for Park phætons and other service.

This course, moreover, would avoid the necessity for more barn accommodations, and the contemplated additions to the barns could be made into sheds for housing phætons, wagons, tools, implements, etc.

There has been but one opinion as to the forests and undergrowth on Belle Isle and that is that no hand should desecrate them. They have been watched and protected from the encroachments of the improvement fanatics, and even the original design of cutting a canal from the North East Lake southerly through the woods to the present canal on the south side of the Island, has been abandoned.

In the interests of economical management for the winter, the Commissioners in September passed resolutions to winter twenty-five of the horses in the country, lay off most of the men and foremen, reduce the force on Belle Isle to about ten men, and reduce expenses in every way possible.

This plan was put into operation in November, and will be adhered to until about April 1, 1897.

IMPROVEMENTS.

The improvements completed and made during the year on the Boulevard and all parks are set forth carefully in detail in the report of the General Superintendent and Engineer, which report is appended hereto as a part hereof. We call attention to the fact that the extent of the territory included in the Boulevard and parks is so great that complete improvements cannot be made in any one year; but some little improvement each year and a perfect maintenance of all should be the continued policy of the Commission, and appropriations therefor, particularly for maintenance, must be liberal to insure success.

Respectfully submitted,

CHAS. K. LATHAM,

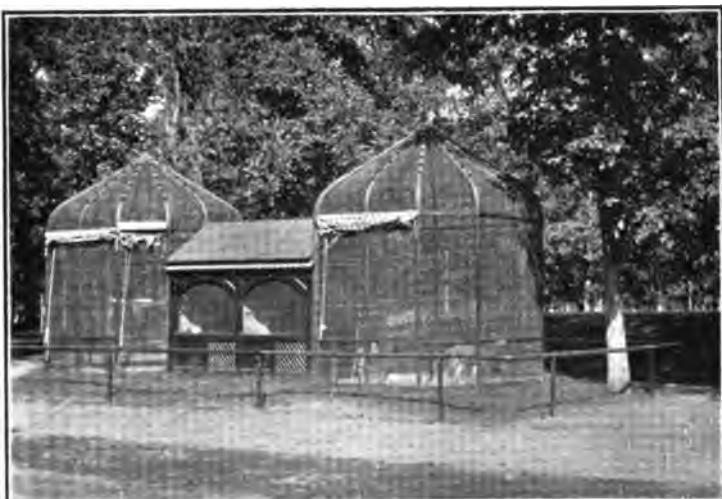
A. S. PARKER,

CARL SCHWEIKART,

P. H. A. BALSLEY,

Commissioners

December 31, 1896.



WOLF CAGE, BELLE ISLE PARK.



ELK, BELLE ISLE PARK.

FINANCIAL STATEMENT.

BALANCE ON HAND JANUARY 1, 1896—

Park and Boulevard Fund.....	\$ 40,648 05
Boulevard Right of Way Fund.....	2,190 86
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
	\$ 42,838 91

RECEIPTS—APPROPRIATIONS—

1855 to 1889, inclusive.....	\$ 26 98
1890.....	18 95
1891.....	50 17
1892.....	188 89
1893.....	581 08
1894.....	4,732 99
1895.....	10,361 35
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
	15,983 88
1896	118,076 09

PRIVILEGES—

Bicycle	\$ 800 00
Pony	800 00
Skating Pavilion	250 00
Boat.....	800 00
Casino.....	2,981 80
Bath House.....	1,546 75
Park Wagons	5,640 68
Ice, Owen Park.....	100 00
“ Palmer ”	18 18
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
	11,886 86

MISCELLANEOUS—

Sale of Feed.....	\$ 889 66
“ Horses	80 00
“ Water Tank.....	6 00
“ Scrap Iron.....	20 58
“ Crushed Stone.....	2 00
“ Deer	275 00
Loan of Park Views.....	6 00
Rebate on Drinking Troughs,	482 99
“ Subway.....	6,615 19
Licenses, Ferries	25 00
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
Soldiers' Monument.....	\$ 100 00
Belle Isle Bridge Salary Fund,	388 35
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>
	488 85
TOTAL RECEIPTS.....	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 154,259 08
TOTAL RESOURCES.....	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/> \$197,097 94

EXPENDITURES—

Maintenance of Belle Isle.....	\$49,212 54
Improvements " "	30,818 43
	<hr/>
Maintenance of Boulevard.....	\$ 9,979 56
Improvements " "	58,567 90
	<hr/>
Maintenance of City Parks.....	\$10,243 97
Improvements " "	19,198 94
	<hr/>
Boulevard Right of Way.....	38 00
Administrative Expenses.....	9,005 31
	<hr/>
TOTAL EXPENDITURES.....	\$181,558 64
Dec. 31, 1896, Cash Bal. Park and Boulev'd Fund,	\$18,881 44
" 31, 1896, " " Boul. Right of Way F'd,	2,157 86
	<hr/>
	15,539 30
	<hr/>
	\$197,097 94

EXPENDITURES IN DETAIL.**MAINTENANCE OF BELLE ISLE.****MISCELLANEOUS—**

Maintenance of Grounds.....	\$5,878 72
Fuel.....	797 16
Bicycle Stands.....	18 00
Casino Clock.....	8 45
Signs.....	844 40
Material and Supplies	88 49
Deer Park	278 87
Fish Lake.....	125 88
Incidentals.....	12 05
Flag and Staff.....	98 40
Belle Isle Bridge Approach	105 78
Settees.....	298 75
Driving Track.....	81 42
Lawn Swings	229 65
Base Ball Grounds	2 75
	—————
	\$ 7,758 92

GREENHOUSE—

Nurserymen	\$ 2,478 97
Greenhouse Repairs.....	945 66
" Stock.....	878 00
Planting and Shrubbery	2,351 78
Trees, Care of.....	325 61
	—————
	6,470 02

BUILDINGS—

Skating Pavilion.....	\$ 751 89
Ice Houses.....	53 82
Barn.....	167 40
Tool House and Sheds.....	48 42
Casino.....	1,246 22
Casino Furniture.....	181 97
Boat House.....	109 95
Inselruhe.....	278 84
Bath House.....	211 11
Picnic Pavilions.....	154 84
Music "	119 89
	—————
	8,817 85

Carried forward..... \$17,540 59

EIGHTH ANNUAL REPORT OF THE

<i>Brought forward</i>	\$17,540 59
Insurance	1,818 38
LAKES AND CANALS—	
Skating Lake	\$ 1,806 50
Beaches.....	282 81
Lakes and Canals	120 25
	<u>1,708 56</u>
BARNs AND HORSES—	
Harness.....	\$ 215 06
Vehicles.....	848 81
Forage..	948 89
Horses (purchase).....	80 00
Hay (making).....	399 41
Care of and Material	8,146 80
Pasturing Horses.....	158 81
Horseshoeing	896 25
	<u>6,087 58</u>
ELECTRIC LIGHT PLANT—	
Fuel.....	\$ 785 89
Repairs.....	81 17
Materials and Supplies	100 99
Salaries Electrician and Assistant.....	<u>1,597 00</u>
	<u>2,565 58</u>
CLOSETS AND CESSPOOLS—	
Closet Material.....	\$ 43 44
Repairs.....	168 82
General Care of.....	<u>786 17</u>
	<u>948 48</u>
TOOLS AND IMPLEMENTS—	
Purchase of Tools.....	\$ 986 64
Repairs "	<u>638 87</u>
	<u>1,620 51</u>
ROADS AND WALKS—	
Sprinkling Roads	\$ 222 91
Maintenance of Roads.....	2,070 45
" Walks.....	288 83
Hitching Bays	<u>121 61</u>
	<u>2,708 29</u>
Park Wagon Service	<u>8,286 56</u>
Bath House Maintenance.	<u>1,940 18</u>
DOCKS AND BRIDGES—	
Repairs to Docks.....	\$ 1,118 55
" Bridges.....	886 21
Sweeping Belle Isle Bridge	3 22
Salaries Belle Isle Bridge Employees....	<u>8,162 00</u>
	<u>5,163 98</u>
<i>Carried forward</i>	<u>\$44,878 49</u>

<i>Brought forward.</i>	\$44,878 49
-------------------------------	-------------

MENAGERIE—

Repairs to Cages.....	\$ 204 16
Care of.....	1,077 48
Feed.....	1,896 44
Purchase of Animals, etc.....	1,109 62
	<hr/>
	8,787 65

WATER TANKS AND ICE—

Ice Supply, 1896	\$ 189 46
" 1897	10 75
Supplying Tanks with Ice Water.....	315 75
Repairs to Tanks.....	80 44
	<hr/>
	546 40

TOTAL MAINTENANCE BELLE ISLE...	\$49,212 54
	<hr/>

IMPROVEMENTS ON BELLE ISLE.**ROADS AND WALKS—**

Construction of Roads generally	\$ 1,528 88
" Elliptic Road	8,057 79
Gravel.	21 97
Construction of Walks.....	259 21
	<hr/>
	\$ 4,867 85

WATER SYSTEM—

Water Mains.....	\$ 8,472 89
Drinking Fountains	98 09
Horse Troughs.....	215 94
	<hr/>
	8,781 92

CAGES—

Construction of Cages..	\$ 8,971 99
Bear Den	2,080 91
	<hr/>
	6,002 90

Improvement Electric Light Plant.....	476 68
Ladies' Toilet Pavilion.....	2,308 56
Trees, Plants, Shrubs (purchase).....	785 88
Settees (purchase).....	850 00
Muir Fountain	16 00

BRIDGES—

Foot Bridge (Power House).....	\$ 1,782 61
" (Marsh Run).....	2,150 12
Inspection and Advertising.....	182 78
	<hr/>
	4,065 51
<i>Carried forward.</i>	\$23,504 75

Brought forward. \$88,504 75

GENERAL IMPROVEMENTS—

Drainage	\$ 814 91
Engineer	700 00
Improvements generally.....	584 01
Menagerie Grounds.....	2,659 01
Elk Enclosure.....	489 40
Hauling Stone from Reservoir	709 67
Nursery	495 19
Buffalo Enclosure	1,573 23
Improvement of S. E. Lake.....	289 26
	<hr/>
	7,818 67
TOTAL BELLE ISLE IMPROVEMENTS..	\$80,818 49
	<hr/>

MAINTENANCE OF BOULEVARD.

Sidewalks.....	\$ 398 88
Planting and Shrubbery.....	46 25
Maintenance of Lawns.....	1,042 27
Trees, Care of.....	524 08
Viaduct, Painting	70 00
Maintenance of Roads.....	7,085 45
Sprinkling Roads.....	812 68
	<hr/>
TOTAL BOULEVARD MAINTENANCE..	\$ 9,979 56
	<hr/>

BOULEVARD IMPROVEMENTS.

Improvement of Lawns.....	\$ 896 90
Water System.....	898 11
Drinking Troughs.....	1,128 39
Subway, M. C. R. R.....	20,860 59
Paving, Sec. 1.....	9,524 48
" 2.....	9,844 69
" 3.....	8,825 00
Inspection and Advertising	655 67
Stone Sidewalk Construction.....	526 74
Paving Intersections (Chene, etc.).....	1,268 88
General Improvement of Roads.....	14 80
Patrick Arbitration.....	87 50
Survey.....	101 75
	<hr/>
TOTAL BOULEVARD IMPROVEMENTS..	\$ 53,567 90
	<hr/>

MAINTENANCE OF CITY PARKS.

PALMER PARK—

General Maintenance (Sundry Labor and Material).....	\$1,580 03
Ice, 1896.	58 78
Settees and Signs.....	81 24
Log Cabin, Repairs.....	550 57
Trees, Care of.....	21 31
Bridges and Roads	100 59
Boats and Swings.....	6 00
Planting and Shrubbery	46 68
Wind Mill	188 23
Forage.....	75 60
	<hr/>
	\$ 2,558 97

HARMONIE PARK—

Trees.....	\$ 5 20
Maintenance.....	7 19
	<hr/>
	12 39

CASS PARK—

Fountain	\$ 88 76
Maintenance.....	235 67
Walks.....	46 35
Trees	81 28
Planting and Shrubbery	193 79
	<hr/>
	545 85

WEST PARK—

Fountain	\$ 21 54
Planting and Shrubbery.....	14 67
Trees.....	22 37
Walks.....	7 50
Maintenance.....	43 32
	<hr/>
	109 40

CAMPAU PARK—

Fountain	\$ 26 40
Maintenance.....	25 78
Trees.....	9 50
Planting and Shrubbery.....	25 44
	<hr/>
	87 12

CLINTON PARK—

Fountain.....	\$ 19 18
Maintenance.....	38 38
Walks.....	23 27
Trees.....	6 13
Planting and Shrubbery.....	31 06
	<hr/>
	117 97

Carried forward..... \$ 8,481 70

	<i>Brought forward.....</i>	\$ 3,431 70
CITY HALL PARK—		
Fountain.....	\$ 63 90	
Maintenance.....	68 90	
Trees.....	68	
Planting and Shrubbery.....	81 13	
		<u>168 55</u>
GRAND CIRCUS PARK—		
Planting and Shrubbery.....	\$ 310 83	
Walks	189 90	
Trees.....	181 36	
Maintenance.....	868 73	
Fountain.....	72 83	
		<u>1,078 18</u>
CRAWFORD PARK—		
Planting and Shrubbery.....	\$ 8 13	
Maintenance.....	25 64	
Walks.....	7 50	
Trees.....	11 05	
		<u>53 91</u>
ELTON PARK—		
Planting and Shrubbery.....	\$ 9 65	
Maintenance.....	6 19	
Walks	16 66	
Trees.....	8 23	
		<u>40 71</u>
STANTON PARK—		
Planting and Shrubbery.....	\$ 2 07	
Maintenance.....	76 71	
Walks	11 50	
Trees.....	18 10	
		<u>106 38</u>
MEDSBURY PARK—		
Maintenance.....	\$ 20 01	
Trees.....	9 88	
		<u>29 89</u>
MACOMB PARK—		
Maintenance.....	\$ 19 08	
Walks.....	7 50	
Trees.....	18 86	
		<u>89 94</u>
CLARK PARK—		
Maintenance.....	\$ 115 64	
Walks	181 87	
Toilet Pavilion (repairs).....	43 06	
Shelter " "	127 90	
		<u>468 47</u>
<i>Carried forward</i>		\$ 5,408 18

<i>Brought forward.....</i>	\$ 5,408 18
OPERA HOUSE LAWN—	
Maintenance.....	\$ 4 91
Planting and Shrubbery.....	<u>66 60</u>
	71 51
CAPITOL PARK—	
Maintenance.....	\$ 81 60
Walks	88 85
Trees	11 76
Planting and Shrubbery.....	<u>61 88</u>
	144 09
CADILLAC PARK—	
Walks.....	\$ 5 25
Trees.....	88 75
Maintenance.....	100 84
Planting and Shrubbery.....	<u>34 57</u>
	299 41
PERRIEN PARK—	
Trees.....	12 60
RECREATION PARK—	
Maintenance.....	2 50
SOLDIERS' MONUMENT—	
Planting and Shrubbery.....	98 20
MISCELLANEOUS—	
Rent of Tool House.....	\$ 66 00
Fountain Covers	100 04
Settees.....	82 43
Cleaning Snow from Walks.....	898 68
Care-Takers.....	<u>8,688 78</u>
	4,281 48
TOTAL CITY PARKS MAINTENANCE.	
	\$10,242 97

IMPROVEMENT OF CITY PARKS.

MEDBURY PARK—	
Improvement.....	\$ 9 50
STANTON PARK—	
Fountain	\$ 699 71
Improvement of Grounds.....	<u>256 25</u>
	955 96
PERRIEN PARK—	
Trees.....	\$ 69 99
Improvement of Grounds.....	<u>781 82</u>
	851 81
<i>Carried forward.....</i>	\$ 1,816 77

Brought forward..... \$ 1,816 77

CLARK PARK—

Improvement of Grounds.....	\$ 461 47
Roads.....	836 08
Trees and Shrubs.....	595 79
Lake.....	282 78
Bridge.....	609 60
Fountain.....	90 52
	<hr/>
	2,375 24

PALMER PARK—

Improvement of Grounds.....	\$ 201 30
Ice House.....	188 28
Plants and Shrubs.....	100 00
Casino.....	9,549 83
	<hr/>
	10,088 81

RECREATION PARK—

Improvement of Grounds.....	\$ 3 80
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CAPITOL PARK—

Fountain	\$ 2,885 88
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OWEN PARK—

Improvement of Grounds.....	\$ 250 68
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NURSERY AT PALMER PARK—

Trees, Plants, Shrubs and Labor.....	\$ 2,883 81
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TOTAL CITY PARKS IMPROVEMENTS.	\$19,198 94
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BOULEVARD RIGHT OF WAY.

Condemnation.....	\$ 38 00
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ADMINISTRATION EXPENSES.

Telephone.....	\$ 100 00
Printing and Stationery.....	291 60
Salaries	7,859 70
Rent, etc.....	754 01
	<hr/>
	\$ 9,005 81

CITY CONTROLLER'S OFFICE,
DETROIT, MICH., January 14, 1897. }

I Hereby Certify, That the balance to the credit of the Boulevard Right of Way Fund at the close of business December 31, 1896, was \$ 2,157 86 And that the balance to the credit of the Park and Boulevard Fund at the close of business December 31, 1896, was..... 18,883 84 Less Warrant No. 866, (which had not been presented for payment at the close of business December 31, 1896, as per City Treasurer's certificate hereto attached,) for the sum of 2 40

\$18,881 44

HOWARD C. BECK,
Deputy Controller.

CITY TREASURER'S OFFICE,
DETROIT, MICH., January 14, 1897. }

I Hereby Certify, That Warrant No. 866, drawn for \$2.40, issued by the Board of Park and Boulevard Commissioners, was not presented for payment at this office at the close of business December 31, 1896.

JNO. W. CORCORAN,
Deputy City Treasurer.

REPORT OF GENERAL SUPERINTENDENT.

To the Commissioners of Parks and Boulevards:

GENTLEMEN: I have the honor to submit my report for so much of the year 1896 as is covered by my incumbency of the office of Engineer and General Superintendent, to which I had the honor to be appointed in May of this year.

BOULEVARD CONSTRUCTION.

That portion of the Western Boulevard comprised between Toledo avenue and Myrtle street has been improved and the roadways laid out and constructed in accordance with the studies submitted by Mr. Barrett. The following contracts were entered into:

Contract No. 1, being that portion of the Boulevard lying between Toledo avenue and E street and comprising the approaches to the subway was awarded, after competition, to Mr. Thomas Kennedy, at a total sum of \$9,470.23. This contract included a cement curb and gutter, which, owing to the grade of the approaches to the subway, it was deemed advisable to put in.

Contract No. 2, from E street to Michigan avenue, was awarded to the Michigan Stone & Supply Co. This contract comprises the more formal part of the roadway laid down in Mr. Barrett's study, and consists mainly of a double roadway, and was completed for the sum of \$9,702.64.

Contract No. 3, from Michigan avenue to Myrtle street, was awarded to Mr. G. E. Currie, and comprises a roadway 50 feet in width, laid out in a serpentine manner at a cost of \$8,825.00.

WEST GRAND BOULEVARD.



These contracts have been satisfactorily completed, and the whole roadway is now open for boulevard traffic.

The landscape work comprised in laying out and ornamenteally planting the lawns and shrubberies has been laid over through lack of funds.

Some half-mile of artificial stone side-walks have been constructed on the North Boulevard.

SUBWAY UNDER MICHIGAN CENTRAL TRACKS.

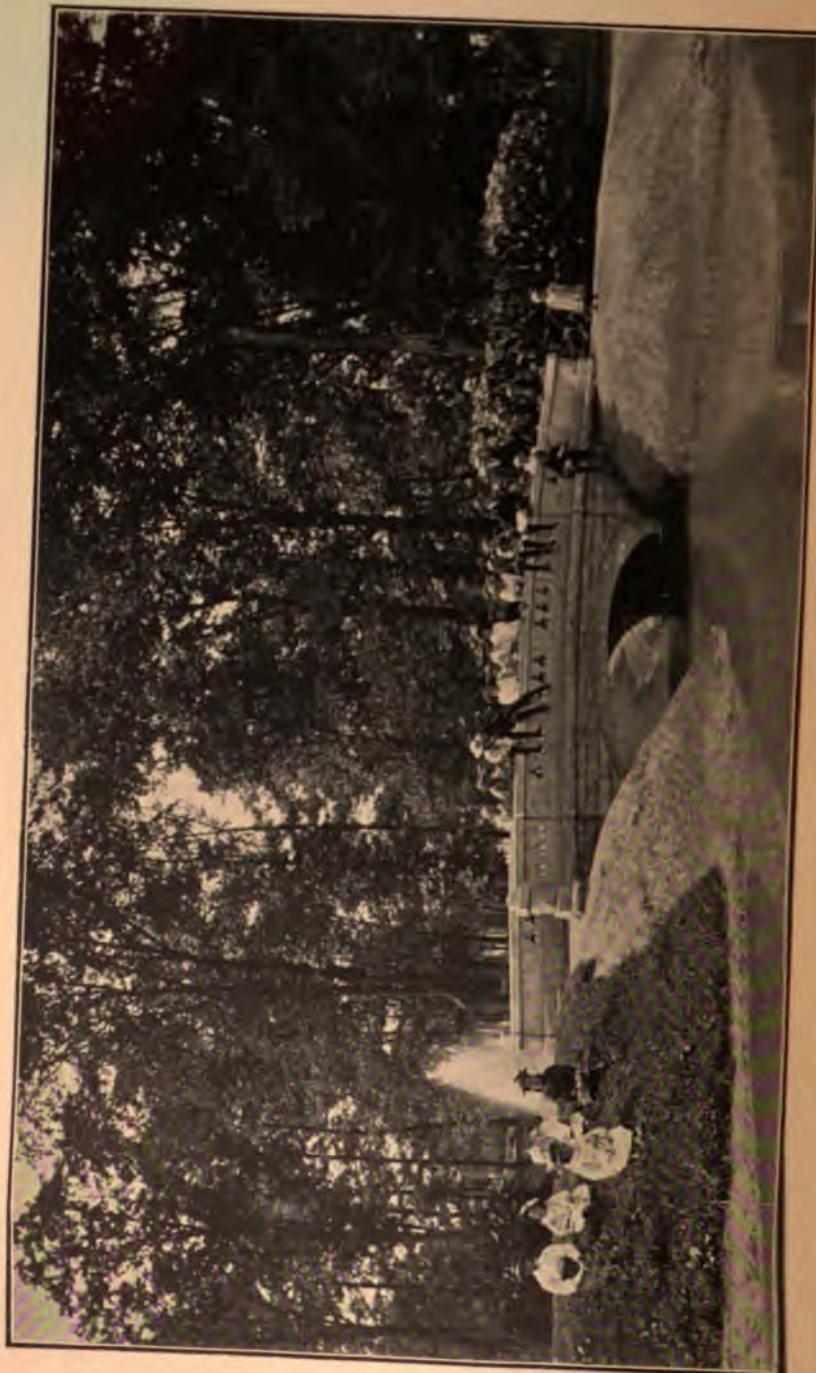
This work has been continued during the season of 1896 and was brought to a final completion in October. As mentioned in the annual report for last year published by your Honorable Body, the contract for this work was let to Mr. T. J. Kennedy, of this city; owing to non-delivery of the steel ribs, the work had to be laid over during the winter of 1895-'96. The work, owing to the intricacy of the cross overs and tracks of the Michigan Central R. R., required caution and care in its manipulation, and, despite the long spell of unfavorable weather, has been carried through to completion without serious accident, and this structure, unique of its kind, being the only one of such a character in such a position, is now an accomplished fact; a short sketch in detail of the work is respectfully submitted. The length from face to face of subway is 105 feet; the clear space of the arch on the square is 48 feet; the height from the crown of the roadway to the underside of the arch is 13 feet; the roadway is 30 feet, paved with brick on concrete, and there are two cement side-walks of 9 feet each; the arch is parabolic, having a rise of 9 feet; 41 steel ribs are embedded in the concrete of the arch; the side walls and north and south ends are faced with Berea sandstone. There still remains, to complete the entire circuit of the Boulevard, the length from the junction of the Boulevard with Myrtle street to Buchanan street; near the intersection of Magnolia street the Boulevard right of way crosses the Grand Trunk, Lake Shore, and the Detroit & Bay City railroads, and

this crossing will entail a work of considerable engineering importance, unless the Board should decide upon a grade crossing, which is much to be deprecated. Judging from the length of time consumed in the negotiations and execution of the structure just completed, it will require some six years before the connecting link in the Boulevard can be completed, and it appears to me there is no work that can be undertaken by the Board from which the public, more especially the driving and wheeling public, will derive more satisfaction than in the completion of this missing link.

There are certain lengths of double roadway on the Boulevard still to complete, viz.: the Eastern roadway from Mack to Gratiot avenue; Eastern roadway, Southern driveway; Fairmont Park; on Western roadway, Grand River to Hancock avenue, and from Fort street to Shady Lane. These lengths should be taken in hand to the extent of completing a certain portion annually, the only portion for which there appears to be any demand by the adjoining owners, is the length on the South of Fairmont Park.

BOULEVARD MAINTENANCE.

Very little has been done owing to lack of funds toward a proper and systematic maintenance of the Boulevard. The roadway for considerable lengths on the Northern section both East and West of Woodward avenue are in need of extensive repair, there being long distances where the wearing surface is entirely gone. Some 6,000 yards of granite surfacing is required to put the Boulevard in a proper and efficient state of repair. During the year, six horse troughs of granite with ornamental concrete bases have been placed on the Boulevard at intervals over its entire length. The lawns, owing to the constant rains during the summer have required to be mown three times during the season. Owing to lack



FOOT BRIDGE, CLARK PARK.

of funds it has been impossible to replace the dead trees along the line of the Boulevard. Boundary stones have been put in around the Boulevard defining the lines.

CLARK PARK.

I had the honor to submit to your Honorable Body a plan for ornamentally improving a portion of Clark Park, which, after approval, was carried out, comprising an ornamental lake with fountain jet, a stone bridge of neat design, and some shrubbery, the whole forming a pleasing effect. The dead timber has been removed from this Park. Some 400 or 500 forest trees require to be planted to properly maintain this Park and keep up its ornamental character.

I would call the attention of the Board to the fact that the large tree in this Park, which was moved by the Detroit Railway Company to make room for their tracks, is now dead, and the Railway Company should be called upon to carry out the terms of their contract at the proper season.

BELLE ISLE PARK.

ROADWAYS.

About one-half mile, being the elliptic road on the front of the Casino, was re-made early in the season with slag foundations and proper under-drainage, and surfaced with gravel. The general condition of the roads on the Island is bad for want of proper wearing surface, and I would strongly recommend a proper surfacing of Granite which, with the light traffic on the Island, would last a long time. I would recommend that the making of proper slag foundations to the roads be continued, and a proper and systematic method of repairing the roads be adopted.

ZOOLOGICAL DEPARTMENT.

During the year the bear pit has been completed and the animals have occupied it since June. Three other permanent iron and wood cages for animals have been erected, all of an ornamental character, additions of stone have been made to these cages, giving the animals cooler quarters in summer, and warmer in winter. A Pheasant cage, having five compartments, has been erected on the site of the old cages, and being of an ornamental character, adds much to the appearance of the grounds. A large Eagle and Owl cage, having four compartments, has also been added, being constructed of iron is of a permanent character. The grounds have been ornamentally laid out, and were thrown open to the public on July 4th, of this year.

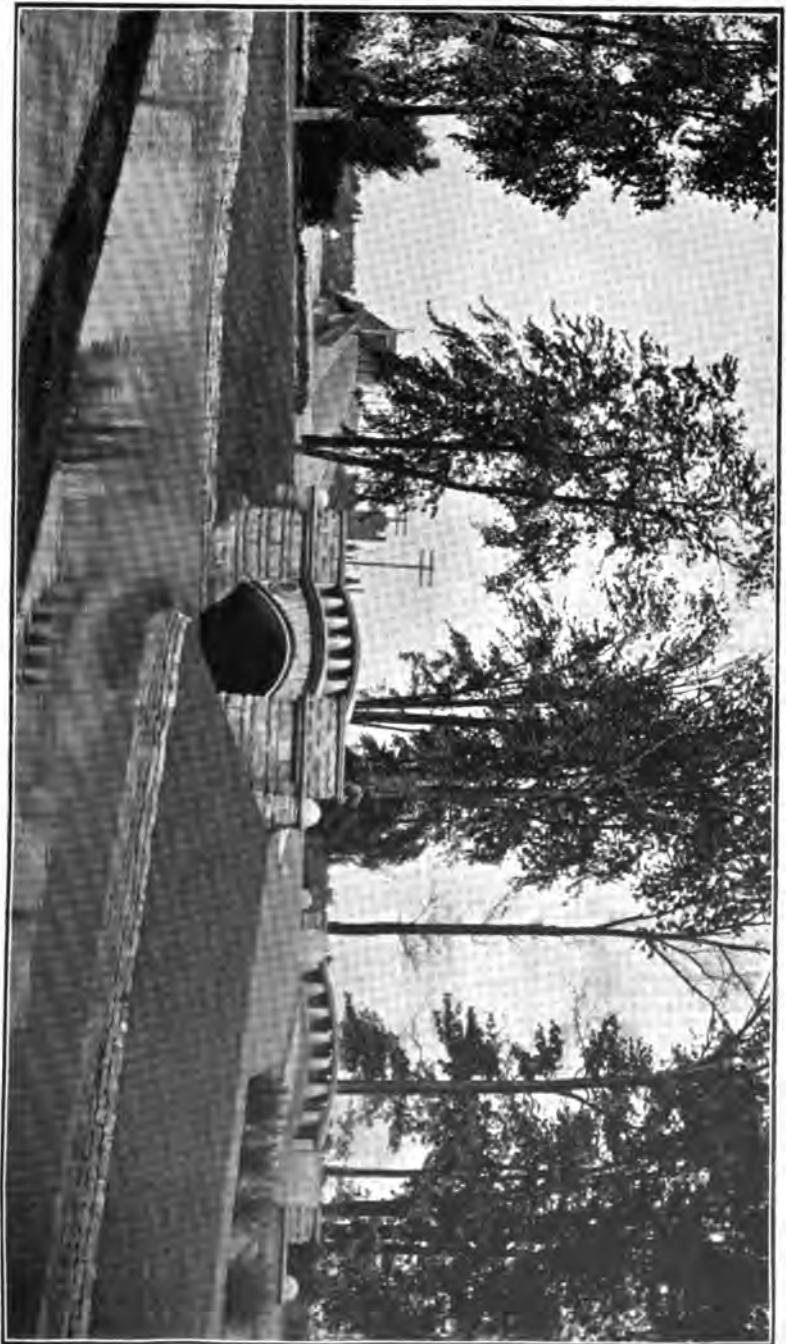
The addition of a pair of Buffalo during the season has been quite a feature in the Zoological department. The Elk have had a new shelter and range laid out adjoining the old paddock, and the Buffalo have been located in the old Elk paddock, where they have settled down and are thriving admirably.

The Zoological Department now consists of the following animals and birds:

2 Buffalo, purchased in Lincoln, Nebraska; 5 Elk; 17 Deer; 1 Grizzly Bear; 5 ordinary Black Bear; 6 Coyotes; 2 Lynx; 2 Badgers; 2 Coons; 4 Alligators; 1 Fox; 1 Porcupine; 5 Hares; 23 Pheasants of various varieties; 2 Vulture; 4 Eagle; 1 Hawk; 4 Owls; 2 White Swans; 1 Goose; 4 Ducks; 9 Pea Fowl; 2 Turkeys.

BRIDGES.

Two bridges for foot passengers have been erected on the Island, from designs furnished by myself. One over Marsh Run in the vicinity of the Ladies' Toilet Pavilion erected last year; this bridge has a span of 22 feet, with a footway between parapets of 8 feet, and the cost complete was \$2,241.51. The other has been erected over



BRIDGE, BELLE ISLE PARK

the Canal, replacing a wooden structure, near the Power House, and has a span of 36 feet; owing to lack of funds the parapets of this bridge have not been completed.

The present wooden structures on the Island are fast going to decay, notably two are getting dangerous and should be rebuilt of a permanent character during next season; I refer to one against Insulrhue dock, and the other at the head of the Island.

The bridge ostensibly spanning the Canal in the Menagerie grounds, should be rebuilt, so as to allow the current to pass unimpeded. I would suggest that this bridge be made of a rustic character, and to this end a sufficient quantity of Tufa has been delivered in the immediate vicinity of the bridge.

LADIES' TOILET PAVILION.

A substantial Toilet Pavilion, built of Limestone, having a tile roof, and with sixteen closets, has been erected from designs furnished by myself; the total cost has been \$2,208.56. The whole has been fitted up with drainage, and all fittings complete. I would strongly recommend that other buildings of a like character be erected from time to time, so as to do away with the present unsightly closets now dotted about on the Island, and, as in this case, the grounds immediately surrounding be ornamentally laid out and planted.

BUILDINGS.

The Casino was varnished in the interior and made presentable at the beginning of the season. This building, however, wants considerable repair; the whole of the exterior requires thorough painting and should be done in the spring, otherwise the building will suffer considerably from the weather. The Ladies' Department requires more closet accommodation, which may be obtained at a reasonable outlay.

The Bath House requires painting and it should certainly be done in the spring, and the Boat House in close proximity to it also requires repairs and painting.

The Skating Pavilion has suffered severely from storms during the past season, and has had considerable repairs: this building should be overhauled during the coming season, and thoroughly painted and varnished.

The various Shelters, Band Stands and Pavilions throughout the Island require cleaning and painting; some considerable repairs are also needed to floors and roofs; an examination of the floors of many of these structures reveals the fact that the wood work is rotting for want of adequate ventilation.

GREENHOUSES.

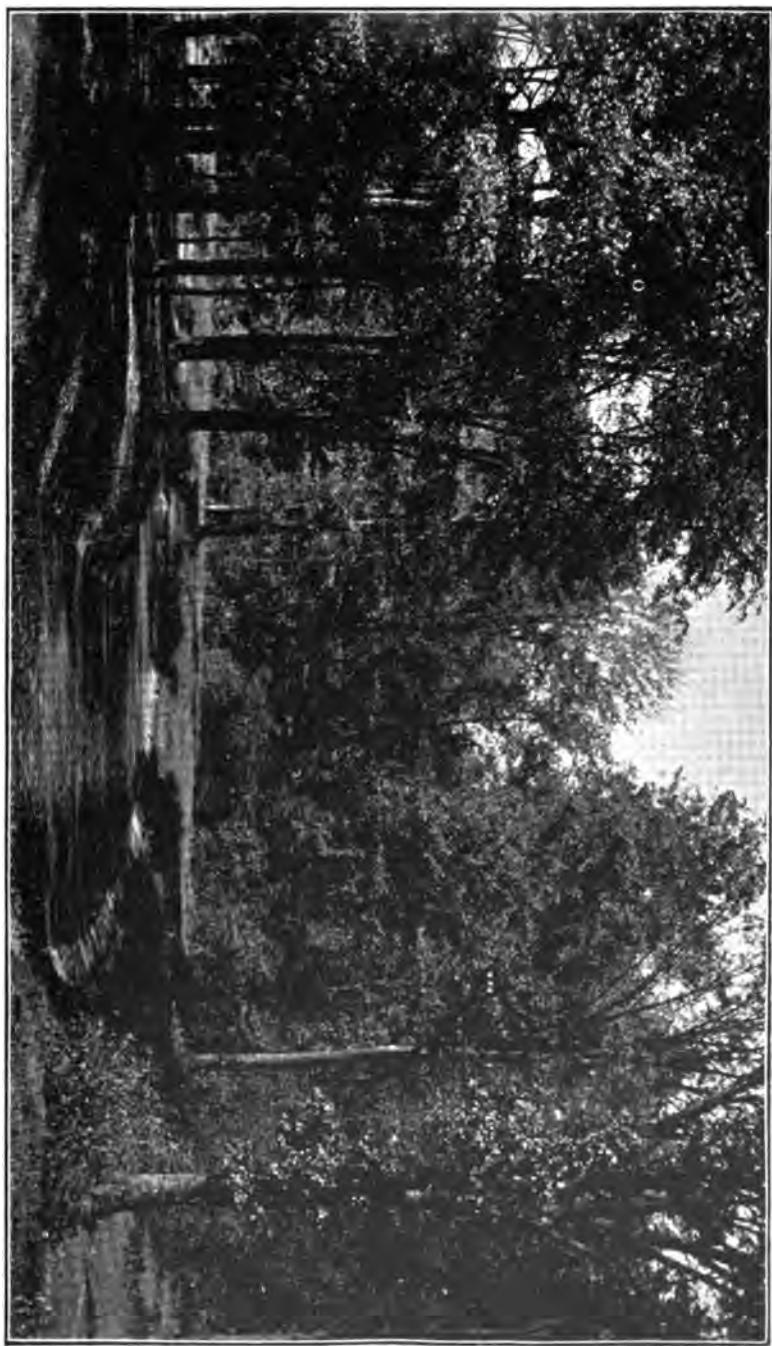
The condition of the Greenhouses on the Island has been brought to the notice of the Board; they are dangerous and damage may be expected in the event of heavy snow. The palms suffer considerably from over-crowding, nor can they be made a proper display as they should be. The Board is now in possession of many thousand dollars worth of specimen palms, which it is impossible to take proper care of in the existing houses.

As propagating houses, the present greenhouses are a failure; they are totally unfit for such purpose and the expense of heating is very considerable; everything has to be crowded together, so that, even if the Board possessed any choice greenhouse plants, no adequate display could be made. The Board might consider at this stage the question of putting up a proper system of houses, suitable for the requirements of the Commission.

CANALS.

The Canals on the Island are being grown up with weeds; the low state of the water during the past season greatly encourages this. Boating has been very much interfered with from the causes named above: low water and the presence of heavy bodies of weeds. The Canals

CANAL, BELLE ISLE PARK.





should either be deepened or dams put in, and water pumped in to the required level. A considerable sum was expended early in the season in mowing and removing weeds from the Canals, but owing to lack of funds, the work had to be discontinued.

The riprapping on the Canal banks and North East Lake should be again taken in hand, as considerable damage is being done by the action of the water along the Canals.

ELECTRIC LIGHTING.

A very complete system of electric lighting by arc lights on ornamental posts has been laid out in conjunction with the Electric Lighting Commission, and the Commission has laid underground conduits over so much of the area of the Island as is comprised between the Casino and the North and South road from the Boat Club to the Canadian shore; provision has also been made to light the whole of the buildings on the Island.

WATER SERVICE.

The water mains have been extended on the Island by the laying of a 6-inch main in continuation of the main on Central avenue in a direct line to the head of the Island, with 4-inch branches northerly as far as the ice house on one line, and to the Buffalo and Elk paddocks on another; this still leaves considerable of main to lay to complete a proper water service for the Island.

I may here state that Mr. Williams, engineer to the Water Board, made a test of the water main under the river supplying the Island, and found the leakage to be only some four gallons per minute. At my request, he also tested the mains and branches on the Island, with a result showing a leakage of $13\frac{1}{3}$ gallons per minute, which can all be considered very satisfactory.

In connection with the water service, I may say that two rustic horse drinking troughs have been erected on the Island, one at the Boat Club house, and the other at

the Buffalo Shelter; these, while being of an ornamental character, are perfectly substantial, being hewn from granite blocks.

THE MUIR MEMORIAL FOUNTAIN.

A Memorial Fountain to the late W. K. Muir is proposed to be erected, and the Board have granted a site on the Island to the west of the Belle Isle bridge approach, and the foundations have been put in to road level. The fountain is to be of granite and having an archway with drinking cups on the inside, while two horse troughs supply water for horses on the outside of the structure.

SUGGESTED IMPROVEMENTS ON BELLE ISLE.

The improvements put in on Belle Isle should form part of a whole, as it would be almost impossible to carry through in any one season such improvements as would give character to the whole. I would suggest that a Fountain Basin of some 70 feet in diameter be put in where the round bed now is, at the intersection of Central avenue and the North and South road from the Boat Club; this, with the water pressure now obtainable on the Island, viz.: 40 pounds per square inch, would give a jet that would form a feature in the vista seen from the Casino. This fountain could be made either one jet, or a series of mist jets; the fountain basin could also be used for ornamental aquatic plants.

I would also suggest that ornamental fountains and rockeries with ferns be judiciously distributed along the side of Central avenue, at the road intersections west of Vista avenue.

A Rose Garden, tastefully laid out and in a fairly sheltered situation, would also form an attractive feature. The Commission, by a judicious purchase of plants, could propagate sufficient to complete a good display in two seasons.



DETROIT YACHT CLUB, BELLE ISLE PARK.



DETROIT BOAT CLUB, BELLE ISLE PARK.



A Maze would form an interesting and inexpensive feature, and could be readily constructed so as to be perfect in two seasons; horn bean hedges make the most suitable arrangement, the cost of these, however, would be considerable if purchased of a size to make a proper screen, while, if planted small, they are slow growing.

The great want felt in dealing with any ornamental landscape work on the Island is the monotonous flatness; to obviate this to some extent, I would suggest that some arrangement be come to with the Board of Public Works whereby the earth from the old reservoir could be delivered on the Island, and utilized for the purpose of making some portion, say the race track and vicinity, into a rolling and attractive feature; this track is very little used.

The planting on the Island should also be improved by the introduction of a better selection of the more ornamental trees and shrubs, even if some kinds are introduced requiring protection during our rigorous winters. I would suggest that a few masses of rhododendrons be introduced; these would require special soil, which would not be costly nor hard to obtain, and they would require screening and protection in the winter, but their beauty, when in bloom, would amply repay the cost of protection.

An Arboretum would make a very desirable addition to the features on the Island, where trees indigenous to Michigan could be collected, and this could afterward be extended.

Whatever form the improvements on the Island may take, the present natural beauties of the upper portion of the Island should on no account be desecrated, nor should the underbrush ever be disturbed.

There should be considerable planting done in the way of forest trees, to take the place of those dying off every year. From 1,000 to 1,500 trees should be put in every season; nothing having been done in this way

considerable gaps would be seen in a few years, which will mar the beauty and effect on the Island.

It will be absolutely necessary to erect a new, or extend the present Ice House, as in the event of a hot and dry summer the present Ice House will not afford sufficient storage to meet the demands (constantly increasing) that will be made upon it, and I respectfully submit this for the Board's consideration.

PALMER PARK.

The Log Cabin has been properly maintained; in the spring the foundations showed signs of giving way; permanent and substantial supports were put in, and the exterior of the building thoroughly painted and repaired. The roof of the main building, as well as the exteriors of the other buildings surrounding the Log Cabin have been repaired and painted during the past season.

A Casino, from the designs of Messrs. Rogers and MacFarlane, architects, has been erected complete. Colonial style of architecture was adopted, and the whole forms a pleasing effect.

The Log Cabin Land Company has sunk wells and put in a pumping plant on land contiguous to the Park; the water mains have been extended into the Park, and their location is marked on the plan of Palmer Park in the possession of the Commission.

Plans for improving the Park in the immediate vicinity of the Casino submitted by myself have been approved by the Board; comprised in this work are an ornamental lake, some two and one-half acres in extent; ornamental shrubbery, lawns and foot-walks.

About 12 acres north of this proposed lake has been plowed and leveled and partially sown with lawn grasses.

The Nursery in the Park has been cared for and maintained in an efficient manner.



LAKE NEAR LOG CABIN, PALMER PARK.



I would suggest that the contents of the Log Cabin be carefully inventoried and compared from time to time.

During the season the Park has been visited by considerable crowds, and the public generally have shown much appreciation of the Log Cabin and its surroundings. It will be necessary to adopt some method in the near future for putting the roads of the Park in proper shape; this should receive early consideration at the hands of the Board, as road construction at this Park will be costly from lack of adequate material in the immediate vicinity.

SMALL PARKS.

GRAND CIRCUS PARK.

This Park has been maintained in fairly good condition. The shade trees are deteriorating, and have suffered considerably from wind storms. I have, however, had them carefully examined and the filth, grubs and borers removed and the bark thoroughly cleaned, and everything done to preserve and reinvigorate them. I would recommend that some new method of carrying out the decorations in this Park be adopted, say by ribbon borders of ornamental grasses, alternated with dwarf weeping plants be adopted, and that a judicious arrangement of ornamental shrubberies be introduced, with here and there some rockwork with ferns and dwarf ornamental plants. The foot-walks in this Park are now in first-class condition.

CASS PARK.

The character of this Park has been maintained, and while the water display is extravagant in its consumption of water, it is not of such an ornamental character as the surroundings of the Park would warrant, and I would

recommend that, when funds will permit, a remodeling of this water display be undertaken. I would suggest that the ornamental flower beds in this Park be arranged to a design, so that the beds will show some character and not merely a mass of flowering plants. The turf of this Park requires a top dressing as it is suffering for want of material to feed and strengthen the grasses.

CAPITOL PARK.

The season being wet has well suited the lawn of this Park, being the site of the old High School building. The sub-soil is a conglomeration of old bricks and rubbish, consequently any water put on is away in a very short time, so that in a dry season the turf cannot be maintained in a condition so much to be sought for. A fountain basin of concrete construction has been put in this season from my designs, being of three-leaved clover shape, an ornamental rustic fountain centre piece, decorated with ivy and suitable plants, and constructed of Tufa has been added. An electric display was put in, composed of various colored lights, working alternately, and controlled by an automatic commutating device, made by the General Electric Company, the whole giving a very pleasing effect. I would suggest that the flower beds at present on the lawns be discontinued, and in place of them a ribbon border of ornamental grasses with dwarf weeping plants be introduced, brightened here and there with geraniums, verbenas, etc., in clumps. The want of shade trees is very much felt in this Park; these, however, can only be obtained by time.

STANTON PARK.

A circular fountain basin has been constructed in this Park, entirely of concrete. The appropriation at command, however, would not permit of any ornamental centre piece; this leaves the fountain bare. The curb on the south side of the Park has been put in, giving a more

finished appearance. I would advise that ornamental flower beds be laid out in this Park; these would add greatly to the effect, and would create a more pleasing appearance than at present.

PERRIEN PARK.

A considerable number of the shade trees planted in this Park during 1895 have died. A geometrical plan for laying out this Park was submitted by me and approved by the Board, and the walks have been constructed. Turf margins should be laid in the ensuing spring and the grass seeds sown, and an appropriation obtained for planting the shade trees and ornamental plantations shown on the plan.

OWEN PARK.

The surface of this Park has been graded over and leveled ready for seeding. The site of this Park presents the only natural formation which can be adapted to a terrace with cascades and fountains without resorting to expensive artificial means. I would respectfully suggest that if a suitable appropriation can be obtained, that this Park be laid out with an ornamental terrace paralleling Jefferson avenue, and cascades and fountains running out from this terrace down to the river, the expense to be incurred to be distributed over several years. A Park could here be obtained unique in character, and one which would add much to the beauties of Detroit.

The remainder of the small Parks have been maintained in a satisfactory manner during the season. I would, however, suggest that attention be paid another season to the shade trees in the various Parks, to the end that they be properly cleaned and cared for, and that vermin which saps the vitals be eradicated, cankers

removed, and the trees properly pruned and trimmed. A judicious expenditure in this direction would be amply repaid.

In the line of improvements in the City Parks, I would suggest that the Opera House lawn be made into an ornamental fountain of rustic design, which may be made very effective, and to which electricity might be introduced without much outlay beyond the wiring, and the mechanism from Capitol Square fountain could be removed here, it being my intention when designing the Capitol Square fountain to so arrange the mechanism for actuating the electric display that it could be removed to any other location, and by this means several Parks distributed over the city could be operated in this way for the one expense for mechanism, and this can be done.

The front of the City Hall has received my attention. In its present condition it is simply a disgrace to the city, and I would strongly recommend that this be treated in some way more tasteful and artistic, and would suggest some rustic work with Tufa in the form of fountains and cascades, with ferns and aquatic plants, interspersed here and there with palms and exotic plants.

In consequence of the smallness of the appropriation, the Commission has been able to do little more than complete the various works as far as possible to which they were already committed, and the most rigid economy has had to be exercised on all sides. The following comparison of monthly expenditures for wages, etc., shows to what small cost the maintenance is now being run at, and this low cost will be required to be maintained until March. To reduce expenditures the horses belonging to the Board have been turned out to the number of 24, leaving only some 12 horses for all purposes. Three horses which had become unfit for work have been sold.

I found, on taking up the work of the Board, that not a single working plan exists of any of the Parks, and no record exists of any of the drains or water pipes in any Park. On Belle Isle alone this causes serious expense, as drains are often duplicated for want of a proper record, and considerable money is wasted in searching for drains supposed to exist. Plans of the small Parks are now being prepared, and these will be made as full as possible at this late date.

Considerable drafting will be required in properly laying the season's work out, and if the Board would determine the extent and character of the various works to be undertaken, plans can be prepared during the next three to four months which would materially expedite the putting of the work in hand when the proper time arrives.

Wm. Hy. ASHWELL,
Engineer and Gen'l Supt.

December 31, 1896.

EXPENDITURE FOR WAGES AND SALARIES.

1895.

July	Labor.....	\$ 9,517 68	
	Salaries.....	1,194 66	
		<hr/>	
August	Labor.....	\$ 4,519 76	\$10,718 29
	Salaries.....	1,161 84	
		<hr/>	
Sept.	Labor.....	\$ 4,583 28	6,077 10
	Salaries.....	(See Oct.)	
		<hr/>	
Oct.	Labor.....	\$ 5,046 86	4,583 28
	Salaries.....	2,883 61	
		<hr/>	
Nov.	Labor.....	\$ 2,966 04	7,878 97
	Salaries.....	1,111 83	
		<hr/>	
Dec.	Labor.....	\$ 2,988 80	4,077 26
	Salaries.....	1,063 84	
		<hr/>	
		8,986 14	
1896.			
Jan.	Labor.....	\$ 2,788 57	
	Salaries.....	1,063 82	
		<hr/>	
Feb.	Labor.....	\$ 2,279 29	8,845 89
	Salaries.....	898 86	
		<hr/>	
March	Labor.....	\$ 2,161 24	8,178 16
	Salaries.....	(See April)	
		<hr/>	
April	Labor.....	\$ 4,496 00	2,161 24
	Salaries.....	1,756 88	
		<hr/>	
May	Labor.....	\$ 8,386 72	6,253 88
	Salaries.....	1,082 07	
		<hr/>	
June	Labor.....	\$ 7,583 84	9,488 79
	Salaries.....	(See July)	
		<hr/>	
July	Labor	\$ 9,986 89	7,583 84
	Salaries.....	2,812 55	
	B. I. Bridge.....	908 00	
		<hr/>	
		18,202 44	

COMMISSIONERS OF PARKS AND BOULEVARDS.

37

August	Labor.....	\$ 7,998 54	
	Salaries.....	1,163 16	
	B. I. Bridge.....	458 00	<hr/>
			8,808 70
Sept.	Labor.....	\$ 7,658 09	
	B. I. Bridge.....	450 00	
	Salaries.....	1,116 91	<hr/>
			9,225 00
Oct.	Labor.....	\$ 8,731 75	
	Salaries.....	868 15	
	B. I. Bridge.....	458 00	<hr/>
			5,047 90
Nov.	Labor.....	\$ 2,194 15	
	Salaries.....	860 67	
	B. I. Bridge.....	450 00	<hr/>
			3,504 82
Dec.	Labor.....	\$ 1,600 00	
	Salaries.....	850 00	
	B. I. Bridge.....	458 00	<hr/>
			2,908 00
1897.	<i>Estimated—</i>		
Jan.	Labor.....	\$ 2,000 00	
	B. I. Bridge.....	450 00	
	Salaries.....	850 00	<hr/>
			3,808 00
Feb.	Labor.....	\$ 1,600 00	
	Salaries.....	850 00	
	B. I. Bridge.....	450 00	<hr/>
			2,900 00
March	Labor.....	\$ 1,800 00	
	Salaries.....	850 00	
	B. I. Bridge.....	458 00	<hr/>
			3,108 00
April	Labor.....	\$ 3,800 00	
	Salaries.....	850 00	
	B. I. Bridge.....	450 00	<hr/>
			5,100 00
May	Labor.....	\$ 8,000 00	
	Salaries.....	850 00	
	B. I. Bridge.....	450 00	<hr/>
			9,800 00
June	Labor.....	\$ 8,200 00	
	Salaries.....	850 00	
	B. I. Bridge.....	450 00	<hr/>
			9,500 00



To the Honorable, The Common Council:

THE Annual Report of the Commissioners of Parks and Boulevards has in the past been published for the calendar year. The fiscal year ends June 30. It was deemed wise that a change be made this year in the Annual Report, adding the first half of the year 1897, thereby conforming to the fiscal year, and the appropriations of the City; to that end, on May 21, 1897, at a regular session of the Board, the following resolution was passed:

"That the fiscal year of this Board be and is hereby changed so that the same shall begin on July 1st and end June 30th of each year. And that the Secretary be and is hereby directed to make the necessary changes to conform thereto; and

"That the Annual Report of the Commissioners of Parks and Boulevards for 1896, be prepared so that it will include the business of the year 1896 as well as the first half of 1897."

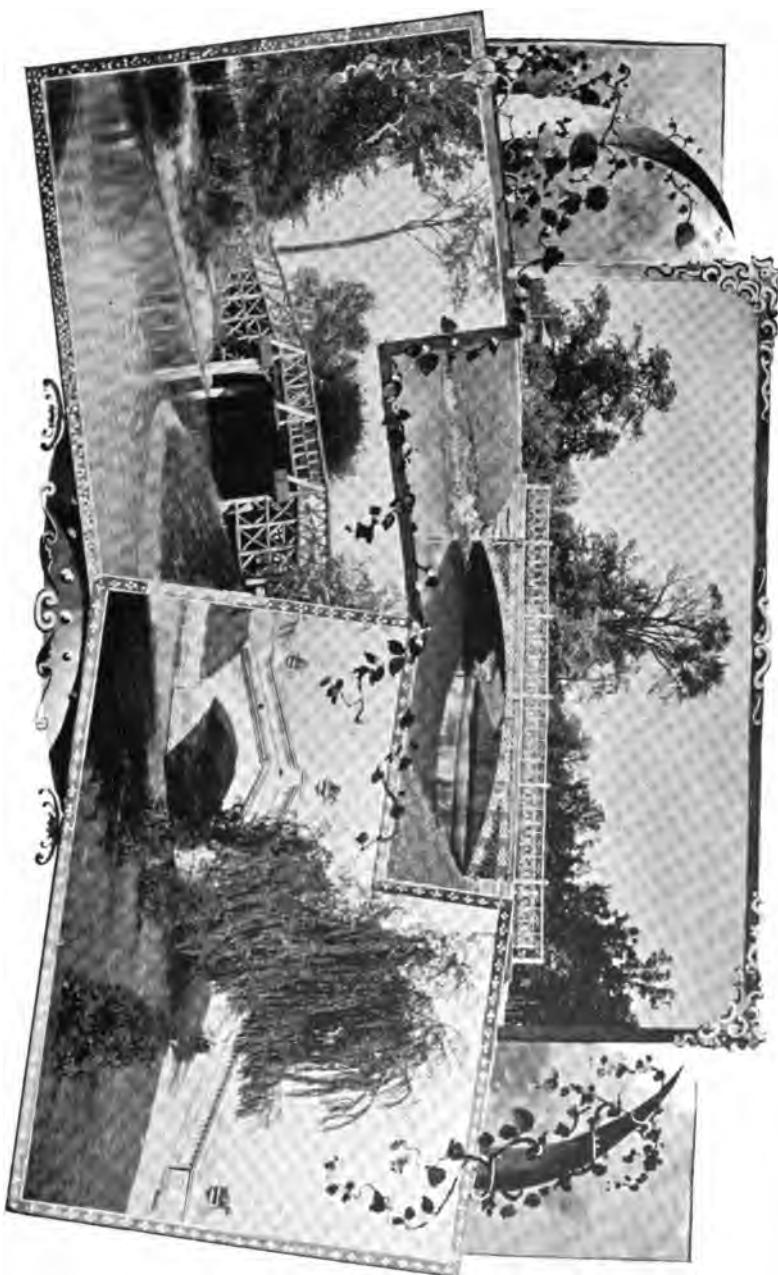
Commissioner Chas. K. Latham having tendered his resignation to take effect not later than December 31, 1896, Hon. Jas. A. Randall was appointed January 12, 1897, to succeed him for the unexpired term, ending May 31, 1897.

Dr. Benj. R. Hoyt was appointed, qualified and took his seat June 22, 1897, to succeed Hon. Jas. A. Randall, term expired.

Respectfully submitted,

COM'RS PARKS AND BOULEVARDS,
M. P. HURLBUT, Secretary.

June 30, 1897.



BRIDGES, BELLE ISLE PARK.

SUMMARY OF RECEIPTS AND EXPENDITURES.

1897.

Jan. 1. Cash (balance) Park and Boulevard Fund.....	\$18,881 44
" " Boulevard Right of Way Fund.....	2,157 86
Appropriations, 1880 to 1896, inclusive,	
(collected).....	\$16,871 78
Privileges (receipts from).....	1,141 06
Appropriation, B. I. B. Salary Fund...	228 95
Park Wagon Receipts	745 15
Bath House "	15 40
Miscellaneous (all sources).....	202 87
Loan from City of Detroit.....	<u>10,000 00</u>
	<u>\$39,200 21</u>
TOTAL AVAILABLE FUNDS.....	<u>\$44,789 51</u>

EXPENDITURES.

Belle Isle, Maintenance	\$21,445 16
" " Improvements.....	<u>6,486 59</u>
Total for Belle Isle.....	<u>\$27,881 75</u>
Boulevard, Maintenance.....	\$ 3,019 20
" " Improvements.....	<u>265 63</u>
Total for Boulevard.....	<u>3,284 83</u>
City Parks, Maintenance	\$ 4,742 26
" " Improvements.....	<u>618 81</u>
Total for City Parks.....	<u>5,355 57</u>
Administrative Expenses.....	<u>2,677 50</u>
TOTAL EXPENDED, Jan. 1 to June 30, 1897.....	<u>\$39,199 65</u>
Park and Boulevard Fund, Cash Balance.....	3,882 00
Boulevard Right of Way Fund, " "	<u>2,157 86</u>
	<u>\$44,789 51</u>

STATEMENT OF UNCOLLECTED APPROPRIATIONS.

1896.....	\$8,583 10	1889.....	\$1,266 65
1895.....	4,087 88	1888.....	146 20
1894.....	2,952 48	1886.....	282 67
1893.....	969 66	1884.....	143 91
1892.....	945 33	1883.....	115 26
1891.....	468 57	1882.....	96 64
1890.....	<u>290 81</u>		
	<u>\$18,247 88</u>		<u>\$ 2,001 88</u>
Total Uncollected.....			<u>\$20,248 66</u>

FINANCIAL STATEMENT.

(January 1 to June 30, 1897.)

RECEIPTS.

Cash Balance.....		\$18,381 44
Sale of Plants.....	\$	9 83
Bicycle Privilege.....		340 00
Park Wagon Receipts.....		745 15
Use of Electroplates		2 00
Appropriation, 1896, Collections.....	10,540 81	
" 1898, ".....	258 17	
" 1892, ".....	95 87	
" 1891, ".....	22 98	
" 1890, ".....	8 80	
" 1888, ".....	81	
" 1880, ".....	10	
" 1886, ".....	33	
" 1885, ".....	69	
" 1888, ".....	2 46	
" 1889, ".....	12 76	
" 1894, ".....	1,454 95	
" 1887, ".....	1 26	
" 1896, ".....	4,481 85	
Skating Pavilion Privilege.....		150 00
Boat Privilege.....		400 00
Casino ".....		251 06
Appropriation, B. I. Bridge Salaries.....		228 95
Use of Horses, Fish Commission.....		18 42
Bath House Receipts.....		15 40
Sale of Deer.....		150 00
City of Detroit (loan).....	10,000 00	
Ice Privilege, Palmer Park.....		85 18
TOTAL RECEIPTS.....		29,300 31
		<u>\$42,581 65</u>

EXPENDITURES—BELLE ISLE.

MAINTENANCE—

Maintenance Grounds generally	\$ 3,840 28
Fuel.....	717 70
Bicycle Stands.....	61 53
Casino Clock.....	87 00
Deer Park.....	66
Fish Lake.....	67 67
Incidentals.....	48 20
Flag and Staff.....	27 81
Rustic Work, Plant Boxes, etc.....	858 78
Settees and Benches.....	887 78
Driving Track.....	46 47
Lawn Swings.....	61 85
Ball Grounds.....	50 28
Elk Paddock.....	34
Signs.....	17 47
	<hr/>
	\$ 5,168 21

GREENHOUSE—

Nurserymen.....	\$ 2,908 15
Repairs to Greenhouse.....	545 49
Stock, Greenhouse.....	88 00
Planting and Shrubbery.....	1,648 01
Trees, Care of.....	281 53
	<hr/>
	4,761 17

BUILDINGS—

Skating Pavilion.....	\$ 308 32
Ice House.....	22 08
Barn	89 68
Furniture and Fixtures.....	47 14
Boat Houses.....	108 18
Inselruhe	72 10
Pavilions.....	12 64
Music Stand	8 97
Casino.....	408 37
General Repairs to other Buildings.....	8 45
	<hr/>
	1,025 88

LAKES AND CANALS—

Skating Lake, Maintenance.....	\$ 182 64
Beaches, Cleaning	77 75
Lakes and Canals.....	233 62
	<hr/>
	494 01
Park Wagon Service.....	704 72
Bath House Maintenance.....	116 57
	<hr/>
Carried forward.....	\$12,270 51

	<i>Brought forward</i>	\$12,270 51
BARNs AND HORSES—		
Harness, Repairs.....	\$ 166 17	
Vehicles, "	586 19	
Supplies and Care of.....	941 33	
Horseshoeing.....	163 88	
Forage.....	758 94	
Pasturing Horses.....	295 30	
Horses (purchase).....	120 00	
	<u> </u>	<u>3,090 75</u>
ELECTRIC LIGHT PLANT—		
Fuel.....	\$205 60	
Repairs.....	7 17	
Material and Supplies.....	28 98	
Salaries, Electrician and Assistant.....	378 50	
	<u> </u>	<u>690 25</u>
CLOSETS AND CESSPOOLS—		
General Care of and Repairs.....	348 87	
TOOLS AND IMPLEMENTS—		
Repairing	\$288 76	
Purchase of Tools and Implements	171 80	
	<u> </u>	<u>455 56</u>
ROADS AND WALKS—		
Maintenance, Roads.....	\$548 54	
" Walks.....	274 08	
Hitching Bays.....	70 95	
	<u> </u>	<u>898 57</u>
DOCKS AND BRIDGES—		
Belle Isle Bridge, Cleaning.....	\$ 5 75	
Docks, Repairing.....	117 50	
Bridges, "	877 49	
Belle Isle Bridge Employees, Salaries.....	1,905 00	
	<u> </u>	<u>2,405 74</u>
MENAGERIE—		
Cages, Repairing.....	\$ 57 15	
Bear Den, "	6 44	
Feed and Care of Animals.....	889 18	
	<u> </u>	<u>402 72</u>
WATER TANKS, ICE—		
Ice Supply, 1897.....	\$51 08	
Tanks, Repairing.....	17 01	
Ice and Water (Supplying Tanks).....	78 23	
	<u> </u>	<u>146 26</u>
WATER SYSTEM—		
Horse Troughs, Repairing.....	\$1 88	
Drinking Fountains, "	18 79	
Water Mains, "	62 56	
Water Rates.....	500 00	
	<u> </u>	<u>583 68</u>
Insurance	<u> </u>	<u>288 25</u>
TOTAL BELLE ISLE MAINTENANCE..		<u>\$21,445 16</u>

IMPROVEMENTS—BELLE ISLE.

ROADS AND WALKS—

Construction of Roads.....	\$ 2,184 78
" Walks.....	189 02
	—————
	\$ 2,328 75

Trees, Plants and Shrubs..... 181 27

GROUNDS GENERALLY—

Grounds generally.....	\$ 100 86
" Bridge Approach.....	384 47
Drainage.....	800 46
Southeast Lake.....	2,488 50
Shaded Walk.....	707 78
	—————
	3,981 57

TOTAL BELLE ISLE IMPROVEMENTS... \$ 6,436 59

EXPENDITURES—BOULEVARD.

MAINTENANCE—

Planting and Shrubbery.....	\$ 24 25
Horse Troughs.....	21 50
Trees, Care of.....	90 62
Viaduct.....	150 52
Roads, Maintenance, (caretaking, including material).....	2,140 07
Water System	6 94
Sidewalks	15 00
Recording Deeds.....	81 90
Sprinkling Roads.....	188 00
Maintenance of Lawns	275 40
	—————
	\$ 2,944 20

Salaries, Superintendent..... 75 00

TOTAL BOULEVARD MAINTENANCE.. \$ 3,019 20

IMPROVEMENTS—BOULEVARD.

Lawns.....	\$ 70
Subway, M. C. R. R.....	264 93
	—————
	\$ 265 63

TOTAL BOULEVARD IMPROVEMENTS .. \$ 265 63

EXPENDITURES, CITY PARKS—MAINTENANCE.

PALMER PARK—

Maintenance, including Caretaker.....	\$ 786 15
Pavilion, Repairing.....	86 00
Ice, 1897.....	28 46
Trees.....	9 00
Bridges and Roads.....	166 60
Planting and Shrubbery.....	161 42
Carried forward.....	—————
	\$ 1,183 63

<i>Brought forward.....</i>	\$1,188 62
Nursery, at Palmer Park.....	31 78
CASS PARK—	
Fountain.....	\$ 15 99
Maintenance.....	121 87
Trees.....	115 47
Planting and Shrubbery.....	80 20
Walks.....	35 63
	<u>309 16</u>
WEST PARK—	
Fountain.....	\$ 9 88
Planting and Shrubbery.....	8 00
Maintenance.....	80 08
Walks.....	8 75
Trees.....	1 50
	<u>48 15</u>
CAMPAU PARK—	
Fountain.....	\$ 3 25
Maintenance.....	14 18
Trees.....	10 50
Planting and Shrubbery.....	4 00
	<u>30 93</u>
CLINTON PARK—	
Fountain.....	\$ 3 28
Maintenance.....	15 95
Walks.....	8 75
Trees.....	1 50
Planting and Shrubbery.....	8 65
	<u>33 08</u>
CLARK PARK—	
Water.....	\$ 1 45
Maintenance.....	296 69
Roads.....	73 08
Planting and Shrubbery.....	98 55
Trees.....	8 50
	<u>473 22</u>
CITY HALL LAWNS—	
Fountain.....	\$ 19 41
Maintenance.....	107 95
Planting and Shrubbery.....	1 75
	<u>129 11</u>
STANTON PARK—	
Fountain	\$ 1 67
Planting and Shrubbery.....	48 00
Maintenance.....	18 08
Trees.....	18 50
	<u>76 25</u>
<i>Carried forward.....</i>	\$2,872 81

Brought forward \$2,872 81

GRAND CIRCUS PARK—

Planting and Shrubbery	\$ 91 64	
Walks.....	67 21	
Trees.....	12 44	
Maintenance.....	176 76	
Fountains.....	82 75	<hr/>
		880 80

Planting and Shrubbery, High School..... \$ 8 75

CRAWFORD PARK—

Planting and Shrubbery.....	\$ 2 50	
Maintenance.....	4 58	
Trees.....	8 00	<hr/>
		10 08
Maintenance, Medbury.....		6 88
" Elton		4 57
" Macomb		17 28

HARMONIC PARK—

Maintenance.....	\$ 9 88	
Trees.....	1 50	<hr/>
		10 88

OPERA HOUSE LAWN—

Maintenance.....	\$ 15 52	
Planting and Shrubbery.....	6 91	<hr/>
		22 43

CAPITOL PARK—

Maintenance.....	\$ 20 76	
Walks.....	17 00	
Planting and Shrubbery.....	88 19	
Fountain	16 00	<hr/>
		86 95

CADILLAC PARK—

Walks.....	\$ 7 50	
Maintenance.....	87 98	
Planting and Shrubbery.....	6 25	<hr/>
		51 73

PERRIEN PARK—

Trees.....	\$ 50 65	
Planting and Shrubbery.....	9 00	
Maintenance.....	2 50	<hr/>
		62 15
Maintenance, Recreation Park.....	6 87	
Maintenance, Soldiers' Monument.....	88 89	<hr/>
<i>Carried forward</i>	\$3,125 47	

<i>Brought forward</i>	\$3,125 47
GENERAL MAINTENANCE—	
Rent of Tool House.....	\$ 80 00
Settees	21 76
Salaries, Caretakers.....	825 75
Cleaning, Snow.....	150 47
Survey, City Parks	504 07
Fountain Covers	42 83
General Maintenance.....	4 42
Salaries, Superintendents.....	87 50
	1,616 79
TOTAL CITY PARKS MAINTENANCE	\$4,742 26
IMPROVEMENTS.	
Trees, Perrien Park.....	\$175 79
Improvements, Owen Park.....	210 10
Improvements, Voigt Park....	14 26
PALMER PARK—	
Improvements, Grounds.....	\$ 71 27
Casino.....	141 90
	213 17
TOTAL CITY PARKS IMPROVEMENTS,	\$613 81
ADMINISTRATION—	
Rent of Phones.....	\$ 50 00
Printing and Stationery.....	216 98
Rent	277 84
Legal.....	25 00
Salaries.....	2,107 78
	\$2,677 50

CONTROLLER'S OFFICE, {
June 30, 1897. }

I *Herby Certify*, That the balance to the credit of the Boulevard Right-of-Way Fund at the close of business this day is..... \$2,157 86
and that the Park and Boulevard Fund at the close of business this day is..... 8,882 00

HOWARD C. BECK,
Deputy City Controller.

APPROPRIATIONS FOR 1897-8.

Boulevard Improvement.....	\$28,600 00
City Parks "	82,230 00
Belle Isle Park "	7,750 00
Boulevard Maintenance.....	12,650 00
City Parks.....	10,000 00
Belle Isle Park.....	89,010 00
General Administration.....	7,600 00

EXPENDITURES FOR PREVIOUS YEARS.

The expenditure for Maintenance and Permanent Improvements for a series of years has been as follows:

	Maintenance and Administration.	Permanent Improvements.	Boulevard Right-of-Way.
1889.....	\$37,295 18	\$ 60,986 01	
1890.....	48,221 86	128,192 08	
1891.....	78,821 74	105,285 42	\$ 99,477 84
1892.....	81,747 08	307,026 95	108,982 40
1893.....	86,928 85	298,140 24	842 45
1894.....	82,605 74	218,394 17	
1895.....	80,804 50	84,828 89	4,789 06
1896.....	78,440 88	108,085 26	88 00
1897 (to June 30).....	81,884 12	7,815 58	

The expenditures for each Department of the Parks and Boulevard Service for the past eight and one-half years has been as follows:

	Belle Isle, Maintenance.	City Parks, Maintenance.	Boulevard, Maintenance.	Administration.
1889.....	\$28,354 84	\$ 2,155 93	\$ 5,149 78	\$ 6,684 69
1890.....	28,733 85	5,212 50	7,501 60	7,788 91
1891.....	46,778 98	10,216 77	10,854 97	6,476 04
1892.....	48,244 79	11,636 62	11,411 85	10,458 77
1893.....	62,065 44	7,885 89	4,570 67	12,881 85
1894.....	52,652 10	8,221 78	12,464 92	9,286 94
1895.....	51,561 68	7,170 95	10,841 97	9,080 88
1896.....	49,222 54	10,242 97	9,979 56	9,005 81
1897 (to June 30)...	21,445 16	4,742 26	3,019 20	2,677 50
	<hr/> \$884,164 81	<hr/> \$68,985 16	<hr/> \$75,294 47	<hr/> \$74,280 84
	Belle Isle, Improvements.	City Parks, Improvements.	Boulevard, Improvements.	Boulevard, Right-of-Way.
1889.....	\$ 59,562 80		\$ 1,428 71	
1890.....	117,629 88	\$ 2,782 79	2,779 86	
1891.....	85,328 70	13,927 08	6,034 69	\$ 99,477 84
1892.....	84,303 96	4,088 51	268,549 48	108,982 40
1893.....	96,602 05	5,897 67	195,640 49	842 45
1894.....	106,715 95	8,088 48	103,589 79	
1895.....	48,010 78	12,080 99	85,757 78	4,789 06
1896.....	30,318 42	10,198 94	53,567 90	88 00
1897 (to June 30)..	6,436 59	618 31	265 63	
	<hr/> \$579,993 68	<hr/> \$66,672 67	<hr/> \$607,608 83	<hr/> \$214,074 75

PARK SYSTEM.

NAME.	ACREAGE.
Belle Isle.....	700.000
Cadillac.....	.979
Campau.....	1.199
Capitol.....	.510
Cass.....	4.986
City Hall Lawn.....	.550
Clark.....	24.731
Clinton.....	1.068
Crawford.....	.746
Elton.....	.740
Grand Circus.....	5.586
Harmonie.....	.448
Macomb.....	.557
Medbury.....	3.440
Opera House Lawn.....	.174
Owen.....	3.900
Palmer.....	188.400
Perrien.....	5.180
Recreation.....	1.290
Stanton.....	.695
Voigt.....	9.601
West.....	.744
TOTAL (32 Parks).	900.475
Boulevard mileage.	11.29

P & C Pier Rep. etc.

NINTH ANNUAL REPORT

COMMISSIONERS
PARKS AND BOULEVARDS

CITY OF DETROIT.

FROM JULY 1, 1897
To JUNE 30, 1898
INCLUSIVE.

EXED.
65-3-3
Box 69
G. A. PARKER



PARK AND OUTDOOR ART ASS'N,
May 1, 1899
WARREN H. MANNING, Sec'y
1146 Tremont Bldg., Boston, Mass.

NINTH ANNUAL REPORT

OF THE

COMMISSIONERS ... OF ... PARKS :: ... AND ... BOULEVARDS,

TO THE

COMMON COUNCIL OF THE CITY OF DETROIT,

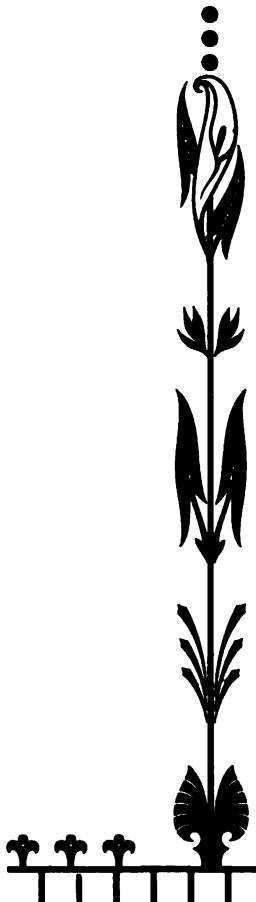
FROM

JULY 1, 1897, to JUNE 30, 1898,

BOTH INCLUSIVE.

DETROIT,
1898. *

RAYNOR & TAYLOR, PRINTERS,
DETROIT.



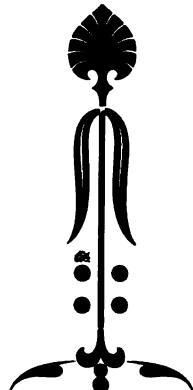


Commissioners of Parks and Boulevards.



	TERM EXPIRES
P. H. A. BALSLEY, <i>President</i> .	May 31, 1900
ALFRED J. MURPHY,	May 31, 1901
WILLIAM GEIST,	May 31, 1899
EDW. C. VAN LEYEN,	May 31, 1902

M. P. HURLBUT,
Secretary.





THE WELL AT LOG CABIN, PALMER PARK.



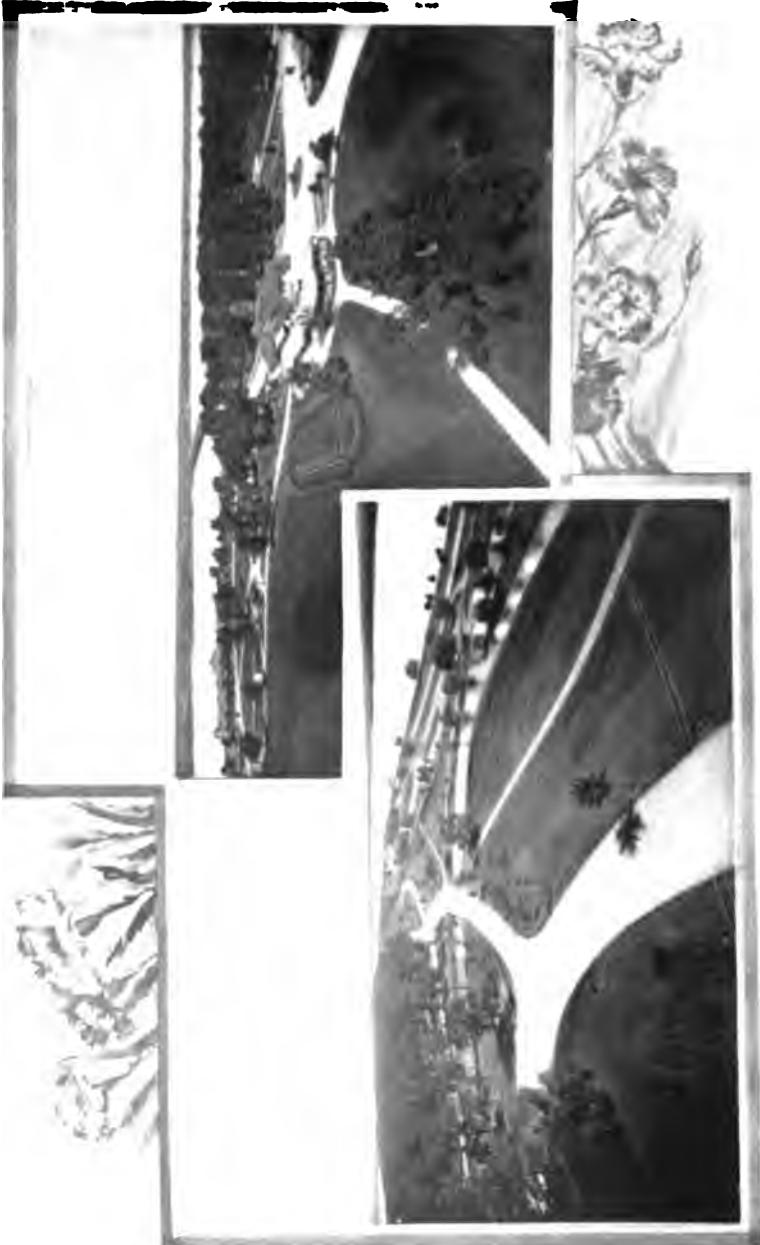
DETROIT'S PROGRESS.



In the beauty of Detroit lies her chiefest charm and most abiding fame. Long before her commercial importance received just recognition or capital acknowledged her superior claims to liberal investment along industrial lines, the grandeur of her environments, made the more attractive by historic association and tradition, was known to the civilized world. Nature could not have been more generous in the bestowal of her choicest gifts, and in these was an inspiration that finds its fullest expression in our parks and boulevards. They seem a part of our primitive beauty, marbelously adapted to the encroachments of a higher civilization. Through it all the harmony and genius of the grand picture have been preserved. Native forests wave over picturesque driveways, blooming flowers, rambling walks, winding canals, cool retreats, playing fountains and scenes of innocent pleasure, such as only come when the cares of life are thrown aside that its greatest comforts may be enjoyed. We build upon the banks of one of the grandest rivers in the world, and the works of man are modeled and adorned after the gifts of God. We are doing all that can be done to ameliorate the conditions of a distinctively metropolitan life, the inevitable result being that Detroit, blessed beyond any other city of the country, grows in beauty as she grows in size and importance.



BIRD'S EYE VIEW SKULL ISLE PARK.



Commissioners of Parks and Boulevards,

CITY OF DETROIT.

To the Honorable, The Common Council.

GENTLEMEN :

THE Commissioners of Parks and Boulevards, in conformity to law, herewith submit their Ninth Annual Report, comprising the business transactions of the Board for the fiscal year just passed (July 1, 1897, to June 30, 1898, both inclusive), showing the receipts and expenditures during that period.

Ninth
Annual
Report.

Organization.

The Board is composed of four Commissioners appointed by the Mayor of the city and confirmed by the Common Council; term of office being from the first day of June for four years.

The annual meeting of the Board for the election of President and Vice-President is therefore held on the first regular meeting day of the Board in June, or at an adjournment thereof. Thus in each fiscal year the Board is represented by two presidents and vice-presidents. For the first eleven months from July 1, 1897, to May 31, 1898, the Board was as follows:

A. S. PARKER, *President.*
CARL SCHWEIKART, *Vice-President.*
P. H. A. BALSLEY.
DR. B. R. HOYT.

Mr. EDWARD C. VAN LEYEN was appointed Commissioner, qualified and took his seat June 6, 1898, to succeed A. S. PARKER, term expired.

The organization of the Board at the meeting held June 6, 1898, resulted in the election of CARL SCHWEIKART, President, and P. H. A. BALSLEY, Vice-President.





DRINKING FOUNTAINS, BELLE ISLE PARK.

June 13, 1898, Hon. CARL SCHWEIKART resigned and Mr. WILLIAM GEIST was appointed to succeed him.

June 20, 1898, P. H. A. BALSLEY was elected President and Dr. B. R. HOYT, Vice-President.

Commissioner B. R. HOYT resigned as Park Commissioner on June 28, 1898, and Mr. ALFRED J. MURPHY was appointed to fill the vacancy.

Hon. JAS. E. SCRIPPS presented to the City of Detroit a handsome fountain cast in bronze, "The Newsboy and his Dog," which now occupies a prominent position on Belle Isle Park, near the northeast corner of the bridge over the canal on Central avenue.

Mr. ELON W. HUDSON presented to the city through this board, iron statues of George and Martha Washington and a large iron vase, which, in the near future, will be given prominent places.

A triangular piece of land was obtained for the sum of \$800, located at the southeast approach to the subway under the M. C. R. R. tracks, for the purpose of completing that approach.

The Washington Parkway extending along Washington avenue from Michigan avenue to Grand Circus Park, was, by resolution of the Common Council, on May 10, 1898, placed under the control of this commission.

A special assessment was spread upon the following property for the laying of sidewalks by this board, by direction of the Common Council, in conformity to the provisions of an act amending "An Act to provide for the establishment and maintenance of the Boulevard," approved May 29, 1893.

West Grand Boulevard, N. S.:
 Lot 13, Stuart's subdivision of lots 1, 2 and 3, of subdivision of south half of quarter sections 55 and 56, Ten Thousand Acre Track, \$31 05

Organization.

Presentations.

Acquisitions.

Assessments.





**LOG CABIN, PARLOR AND DINING ROOM,
PALMER PARK.**



LOG CABIN LOBBY AND BED ROOMS,
PALMER PARK.

Assessments.**West Grand Boulevard, S. S.:**

Lot 5, block 2, Moran & Moross's subdivision of sections 31 and 36, township 1, south range 11 and 12 east, of part of the Baker Farm,	\$34 50
Lot 6, block 2, last named subdivision, . . .	\$34 50
" 7, " 2, " " " . . .	34 50
" 8, " 2, " " " . . .	34 50
" 9, " 2, " " " . . .	34 50
" 11, " 2, " " " . . .	35 65
" 14, " 2, " " " . . .	34 50
" B, " 2, " " " . . .	34 50
" 1, " 3, " " " . . .	34 50
" 2, " 3, " " " . . .	34 50
" 3, " 3, " " " . . .	34 50
" 8, " 3, " " " . . .	34 50
" 9, " 3, " " " . . .	34 50

\$480 70

Maintenance.

By careful economy the maintenance and protection of the park and boulevard system have been kept well within the sum appropriated, and at a less cost than former years, although in some instances, temporary repairs were made; when lasting and permanent improvements should have been made, but the funds granted would not permit.

The maintenance must necessarily increase as improvements are made and as the playgrounds yearly are more largely patronized; more especially so on the boulevard, where but little has been done in the way of keeping up the roadway. Some sections should be re-surfaced yearly, and in this manner the roadway could be kept perfect. Wetting down or sprinkling the boulevard more thoroughly would be appreciated by all, but for this purpose the funds have been far from sufficient.

The other items of importance to which we wish to call the attention of your honorable body, and which largely increase the economically car-



ing for and improving of the park and boulevard system, are sufficient funds for the purchase of horses, and for the purchase, care and repair of tools and implements. For this last named, but \$500.00 was granted, which will not purchase the hose necessary to sprinkle the lawns properly, saying nothing of the numerous other implements and tools required.

The buildings on all the parks have been freshly painted, which adds much to their attractiveness, the predominating colors being cream, white and green.

The skating pavilion on Belle Isle Park has been put in a thoroughly sanitary condition, and undoubtedly will be more largely patronized, especially so by ladies and children, as it is in close proximity to the picnic grounds.

The bath-house on Belle Isle Park was thoroughly renovated and repaired and opened to the public June 22.

The boat-house which for some time has been in a dangerous condition will be repaired as soon as the coming year's appropriation becomes available for that purpose.

The casino on Belle Isle Park has received no small attention and is now in condition to be enjoyed by the multitudes that daily visit the park.

Palmer Park casino has been newly painted, some changes made in the interior, the privilege leased and the casino was opened June 1st to the public.

The log cabin at Palmer Park with its many relics a century or more old, has received due attention.

Clark Park has not been neglected, the building and settees having been freshly painted, walks sloped and everything put in condition to receive the large crowds of people who daily visit this park.

The privileges of Belle Isle Park, (i. e.) the casino and skating pavilion refreshment privileges, boating, bicycle and pony renting privileges, were leased for a stipulated rental for the coming year. The Palmer Park casino refreshment privilege was let for 15% of the gross receipts.

Maintenance.



NAMES
Belle Isle.
Cadillac.
Campau.
Capitol..
Cass....
City Hall i
Clark....
Clinton...
Crawford..
Elton.....
Grand Circus
Harmonie..
Macomb....
Medbury...
Opera House :
Owen.....
Palmer.....
Perrien.....
Recreation....
Stanton.....
Voigt.....
West.....

Total:

Boulevard mileage.

The improvements for the fiscal year just passed have been largely in the way of making lakes, ponds, walks, and the planting of trees, especially in the Boulevard and at Palmer, Owen and Perrien Parks. In fact, planting in all of the parks was a marked feature, as from twenty to twenty-five thousand trees and shrubs have been set out on the Boulevard and various parks. Improvements of this kind enhance with age, while others do not. The green-houses have been remodeled and enlarged, and the Commission feels amply repaid for amount expended in the general appearance of palms alone, to say nothing of the convenience in other respects.

West Park as yet is in its natural state. Second will soon be opened, thus making the park available to the public, which will call for some improvement in the near future.

All improvements have been made that funds appropriated for excepting the power-house bridge on Belle Isle Park, which could not be erected for the amount appropriated; therefore it was set aside and with the extra appropriated for the coming fiscal year, the work will be completed.

the parks shall always be open to all citizens on entirely equal terms, and none shall be given privileges thereon or permitted to make use of them for any purpose not practically common to all consistent with the proper use of the parks.

Detailed financial statement of all receipts and disbursements with other general information is found under the head of the Secretary's and the work of the Board more fully set forth in the General Superintendent's and Horticultural reports, all of which are annexed to this

Respectfully submitted,

P. H. A. BALSLEY,
ALFRED J. MURPHY,
WILLIAM GEIST,
EDW. C. VAN LEVEN.

L. BOUT,
Secy.

1898.

Improvements.

Policy of the Commission.

Statistics.





WESTERN GRAND BOULEVARD.

General Superintendent's Report.

To the Honorable, The Commissioners of Parks and Boulevards.

GENTLEMEN:

HAVE the honor to submit herewith my report for the past fiscal year.

The past year has been the first year in the history of the Board wherein the expenditures have been confined to the amounts appropriated under the various heads of expenditure; and in carrying out the express desires of the Board in this particular, I have to thank the various heads of Departments; the Secretary for his kindly co-operation, the Superintendent of Belle Isle Park, the Horticulturalist, the Florist, and the other heads of departments. The results are to be seen in the Secretary's financial statement, and the Board may be congratulated upon the successful termination of the year's labors in this respect.

On the Boulevard very little construction work has been carried on; the only work permissible being the partial construction of the approach roads to the property abutting of the roads over the Dequindre street bridge. On the eastern roadway, the driveway has been constructed and a medina curb put in. Lack of funds prevented the graveling of the roadway or constructing the approaches on the western side of the bridge.

During the winter months, the Common Council voted a sum for removing the earth from the Orleans street reservoir, and this work was done by the Board of Public Works, the earth being deposited on the center lawn of Fairmont Park, between Chene and Dubois streets; lack of appropriation, however, prevented the trimming and leveling of this soil.

Boulevard Improvement.



Boulevard Improvement.

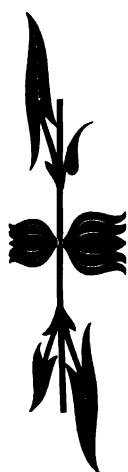
At the subway under the M. C. R. R., the retaining wall on the north-west side has been removed, and this slope, as well as the other slopes, has been ornamented. The lands on these approaches have also had driveways constructed to them and are available to public use except the one on the south-west side; lack of appropriation prevented the completion of this road.

There being no funds appropriated, construction work along the Boulevard has been at a stand still. The lengths of double driveway referred to in my last year's report, therefore, remain incomplete. A small sum, however, has been appropriated for the ensuing fiscal year to complete the eastern driveways from Fort to Lafayette and Howard to Porter.

Boulevard Maintenance.

A start has been made at a systematic repair of the wearing surface of the Boulevard roadway, during the past year, and a length from Eighteenth street, eastward, has been put into satisfactory condition, having had some three inches of broken stone and wearing surface put on and thoroughly rolled; the new roller purchased by the Board will prove a great acquisition in properly maintaining the Boulevard roadways, enabling them to be thoroughly rolled at the times most needed; in the construction of new work also, it will prove invaluable.

During last winter I prepared cross sections of the roadway from Woodward avenue east to Jefferson avenue showing the condition of the surface of the road. By reference to these, it will be seen that from three to seven inches requires to be made up. The state of the roadway is such that extensive repairs are needed to put it in proper repair. Little or no sprinkling has been done owing to lack of funds, and this fine roadway must inevitably be ruined unless adequate funds are placed at the Board's disposal to properly maintain it.



Considerable planting of ornamental trees and shrubs has been carried out along the Boulevard lawns for more detailed particulars of which, I beg reference to the Horticulturist's report.

Boulevard Maintenance.

The four oak trees to be planted in place of the one removed by reason of the tracks of the Detroit Railway, were planted in the spring by the railroad company, and are now making fair growth.

Clark Park.

The lake in this park has been enlarged considerably, adding much to the ornamental feature of the park. A small deer paddock has also been fenced in, and preparation has been made for the erection of one of the fountain basins removed from the City Hall lawn. Some ornamental planting, as well as renewal of forest trees, has been carried out during the past season.

Roadways: Little or no repairs have been made to the roadways on Belle Isle; their condition, especially after rain, is very bad, and considerable wasted labor has been employed to keep them at all passable. I would strongly emphasize my recommendations of last year, as to providing proper wearing surface for these roads.

Belle Isle Park.

Zoological Department: The only addition made to the zoological department during the past year has been the purchase of a pair of ostriches and some chicks; the male bird, however, died from having partaken too freely of wire nails, which punctured the gizzard causing a tumor resulting in death. Another bird has been purchased. A buffalo calf was born on the Island making in all three buffaloes.

Bridges: The bridges on the Island have required considerable repair to maintain them fit for public use, and I can only repeat my suggestions of last year, the amount appropriated being inadequate.

Buildings: The various buildings on the Island have been kept in good repair. At the





BRIDGES, BELLE ISLE PARK.

skating pavilion the dry earth closets in both the men and women's sections have been replaced by automatic flush closets ; proper cesspools have also been constructed. The casino, skating pavilion, bath-house, band stand, and men's toilet building have been painted with two coats of paint. The boat house having become dangerous, has been condemned.

Green-Houses : A much needed enlargement has been made to these buildings, and proper care was taken of the palms last winter, and the buildings generally were made safe for the time being ; a new range of houses are, however, much needed.

Planting : Considerable planting has been done along the shores of the canals and lakes. The shaded walk from the Boat landing to the casino has also been ornamenteally treated, and the immediate front of the casino looking up Central avenue has been improved. Re-foresting has received considerable attention.

The log cabin has been properly cared for during the past year and it continues to be visited by people in considerable numbers from all parts of the country, its fame being spread far and wide.

Road construction has been started and a drive-way sixteen feet wide has been built from the log cabin through the woods to the casino. Lake Higinio extending over some five acres has been made and ornamental lawns and plantations formed around it.

The nursery : The stock has been planted out and this ground is now ready to be ornamenteally laid out. A new nursery has been formed at the north end of the park.

The casino has been painted two coats, on its exterior; a kitchen has been added and other fittings to make it suitable for catering to the public wants.

Belle Isle Park.

Palmer Park.





SCENES AT PALMER PARK.

The grounds has been further improved in accordance with plans approved by the Board ; a fountain basin from the City Hall lawn has been placed in position. Some ornamental planting has been done and lawns partly sodded.

Perrien Park.

The grounds of this park has been partially laid out in accordance with plans submitted by me ; walks have been formed and graveled ; ornamental planting has been done in the immediate vicinity of Jefferson avenue and the lawns and terraces sodded to the lower level.

Owen Park.

The alterations in accordance with the plans prepared by me for changing this lawn are nearly completed and will be finished by July 2nd. These alterations, although not in accordance with the character of the building, are all that the money at the disposal of the Board will admit of.

City Hall Lawn.

The turf in these parks has received a good top dressing ; this should be continued every season to enable these lawns to recuperate. The walks and planting have been maintained in good order. Some ornamental planting has been introduced in these parks, the effect of which will be better seen as the trees grow up.

Grand Circus and Cass Parks.

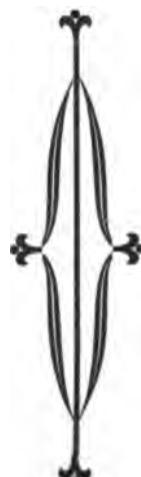
In the remainder of the small parks, little has been done beyond ordinary maintenance and the planting provided for in the appropriations. In fact, so long as the small appropriations are continued, little can be done to improve the parks or bring them up to the proper standard demanded by the advance in park improvement.

Respectfully submitted,

Wm. Hy. ASHWELL,

Engineer and Gen'l Supt.

June 30, 1898.





GREENHOUSES, BELLE ISLE PARK.

Horticulturist's Report.

To the Honorable, the
Commissioners of the Parks and Boulevards:

GENTLEMEN:

HEREWITH I present the report of the department of Landscape Gardening for the year ending June 30, 1898.

During the early part of last fall the subway banks on the Boulevard were sloped and prepared for landscaping. The difficulty of this work was the tendency of the banks to slip, caused by the seepage of the water from the edges of the impervious sub-strata of clay, which the driveway cut into quite deeply at this point. The slopes were quite thoroughly tiled and the water was caught before it came to the surface. Later on, the banks were quite thickly planted with trees, shrubs and vines. The work being done with the view of making the driveway at this point similar to a ravine.

The planting of the shrubs and trees during the fall was confined to those raised in the nursery at Palmer Park. The work was delayed until November, on account of the lateness of these plants in dropping their foliage. Six thousand were set out before the work was stopped by freezing weather. This planting was confined to the western Boulevard and Clark Park. There were set out in Palmer Park about two thousand native trees and shrubs from the adjacent woods. Later on, these all received mulching, which in a large measure offset the danger of such late planting. About the only loss was a few plants of certain varieties that had not well ripened their wood.

Fall Planting.





LAKE SCENERY NEAR THE LOG CABIN,
PALMER PARK.

During December about sixty shade trees from five to eight inches in diameter were set out around the Casino at Palmer Park. They were dug from the neighboring woods and were moved with a ball of dirt that in most cases weighed a ton. There was a loss of but four trees.

For the spring planting, nineteen thousand trees, shrubs and evergreens were used. Of these, about seven hundred were elms, maples and lindens from three to four inches in diameter. These were mainly used for avenue trees on the Boulevard and this large size was taken so that they would more nearly conform to those already planted. There was some loss among the elms and lindens, but not a single tree out of the two hundred Norway maples died, and but very few of the rock maples. The total loss in all of the twenty-five thousand set out during the fall and spring will not average more than five per cent.

To perpetuate the nursery, a portion of the value of the plants taken from our nursery grounds was used to buy seedlings and cuttings. For the six thousand trees and shrubs set out from the old nursery grounds, \$800 was expended in the purchase of thirteen thousand plants for future use. Nearly one-half of the shrubs will be of suitable size for transplanting this coming spring, while the trees may not be available for four or five years yet.

In the small parks throughout the city, the arrangement of the groups was governed by several conditions. In some cases a collection of plants was used as a barrier to prevent people making foot-paths across the lawns. In other cases they were used as a screen to hide objectionable views or to intercept the dust from the streets and be an aid in the protection of the verdure of the parks. Many of the parks were too small to carry out any landscape features, yet it was possible to so arrange plantations that all the boundaries of the park were not visible from any one point of view, and thus to a

Fall Planting.

Spring Planting.

Nursery.





GRAND CIRCUS PARK.

certain extent, hide their smallness. No one park can be said to be complete. Some parks need only a few plants to more fully round out certain clumps. Yet many, especially the newer parks, need much, not only to produce landscape effects but a suitable amount of shade. The planting on the Boulevard was arranged largely to produce vistas. This is especially true of those plats between double drive-ways. Also some attention was paid to the massing of plants of the same flowering period, and grouping varieties of the same genus.

During the early part of the summer, all the newly set plants received a mulching of street sweepings, which did much to conserve the moisture during the hot weather, and at the same time, add some fertility to the soil.

Planting on the various parks and boulevard has been done during the past fiscal year as per schedual hereto annexed.

Planting.

Respectfully submitted,
R. J. CORYELL,
Horticulturist.

June 30, 1898.



Cadillac Park.

- 12 Acer Campstre,
 2 " d. Wierii,
 6 " platanoides,
 4 " plat. Schwedleri,
 75 Berberis Thunbergii,
 8 " vul. purpurea,
 4 Betula alba pend. lacin.,
 2 " Youngii,
 1 Catalpa speciosa,
 6 Cercis canadensis,
 8 Clethra alnifolia,
 12 Corylus a. purpurea,
 12 Cornus sanguinea,
 5 " san. elegan. vari.,
 4 Crataegus coc. fl. pl.,
 4 " Paulii,
 5 Cydonia japonica,
 5 " jap. alba,
 10 Diervilla grandiflora,
 6 " r. var. Desboisii,
 1 Elaeagnus hortensis,
 4 Erianthus Ravennae,
- 6 Eulalia jap. grac. univit.,
 3 " zebrina,
 5 Exochordia grandiflora,
 5 Halesea tetraptera,
 16 Kerria japonica,
 8 Ligustrum ovalifolium,
 20 Lonicera Alberti,
 10 " fragrantissima,
 6 " tartarica,
 6 Mag. con. Soulangeana,
 2 Morus nigra Tee's weeping,
 20 Philadelphus foliis aureis,
 2 Prunus pissardi,
 2 " psudo cerasus pend.
 3 Pyrus Hyb. quercifolia,
 2 Salix rosemarifolia,
 15 Spiraea Bumalda,
 7 " callosa,
 10 " Van Houttei,
 2 Tilia platyphylla,
 3 Ulmus americana,
 5 Viburnum opulus nanum.

Campau Park.

- 3 Acer poly. atropurpureum,
 2 Aesculus H. fl. rosea pl.
 2 Ampelopsis quinquefolia,
 4 Berberis vul. purpurea,
 3 Betula alba,
 6 Calycanthus floridus,
 8 Cornus sanguinea,
 4 Crataegus coccinea fl. pl.,
 12 Cydonia japonica,
 10 Diervilla rosea,
 5 Eulalia japonica,
 3 " j. Zebrina,
 5 Euonymus europaeus,
 6 " jap. nanus,
- 20 Hydrangea pan. grandi.,
 8 Lonicera fragrantissima,
 6 " tartarica,
 1 Magnolia acuminata,
 1 Prunus pissardi,
 4 Ribes aureum,
 4 Rosa rugosa,
 4 " Wichuraiana,
 7 Spiraea sorbifolia,
 3 Staphlea colchica,
 6 Symphoricarpu vulgaris,
 5 " vul. variegata,
 5 Viburnum opulus.

Capitol Park.

- 2 Acer d. Wierii,
 1 " plat. Schwedleri,
 10 Berberis Thunbergii,
 1 Catalpa big. aurea,
 10 Cornus san. elegantissima,
 3 Crataegus coc. fl. pl.,
 3 " Paulii,
 6 Elaeagnus longipes,
 3 Hypericum Kalmianum,
 6 Ligustrum laurifolium,
 2 Liquidamber styraciflua,
- 6 Lonicera fragrantissima,
 1 Magnolia con. Soulangeana,
 1 Morus nigra Tees weeping,
 5 Philadelphus Gordonianus,
 5 " grandi. spec'mus.
 7 Prunus pissardi,
 4 Pyrus Hyb. quercifolia,
 5 Sambucus n. laciinata,
 5 Spiraea Reevesii,
 3 Ulmus americana.

- 14 Acer d. var. Wierii,
 25 " plat. var. Schwedleri,
 4 " psudo plat. tri.,
 10 " saccharinum,
 18 Amorpha fruticosa,
 50 Ampelopsis quinquefolia,
 50 " Veitchii,
 5 Aralia spinosa,
 10 Berberis icifolia,
 75 " Thunbergii,
 50 " vul. purpurea,
 46 Betula alba,
 4 " a. lacin. pend.,
 30 Calycanthus floridus,
 4 Carpinus americana,
 5 Catalpa Bungei,
 7 " big. purpurea,
 8 " speciosa,
 28 Celastrus scandens,
 14 Ceonathus americanus,
 2 Colutea arborescens,
 10 Cornus floridus,
 20 " " var. rubra,
 30 " sanguinea,
 10 Crataegus Crus-galli,
 20 " coc. Paulii,
 10 " oxy. apiifolia,
 10 " tomentosa mollis,
 16 Deutzia crenata P. of R.
 2 " gracilis,
 10 Diervilla r. Desboisii,
 10 " " Lemoine,
 6 " " Sieboldii
 alba margi,
 18 Elaeagnus argentea.
 2 Euonymus europaeus,
 2 Fagus s. heterophylla,
 15 Forsythia viridissima,
 5 Fraxinus ex. pendula,
 3 Gingko biloba,
 1 Gleditschia triacanthos Boytii pend.,
 5 Gymnocladus canadensis,
 7 Halesia tetraptera,
 10 Hibiscus S. fl. pl. fol. vari.
 10 " " Leopoldii fl. pl.
 12 " " violacea,
 50 Hydrangea paniculata grandiflora,
 14 Kerria j. variegata.
 24 Ligustrum Ibota,
 27 " laurifolium,
 40 " ovalifolium.
 7 Liodenderon tulipifera,
 3 Liquidamber styraciflua,
- 9 Lonicera fragrantissima,
 6 " reticulata aurea,
 9 Morus nigra Tee's weeping,
 25 Philadelphus coronarius,
 20 " foliis aureis,
 10 " grandi. speciosissimus,
 2 Picea alba,
 5 " excelsa,
 5 Populus monilifera aurea,
 200 Prunus Besseyii,
 15 " j. fl. rubro fl.,
 10 " Mahaleb,
 65 " pissardi,
 6 " psudo cerasus pend.
 30 " triloba,
 10 Ptelea trifoliata,
 3 " " aurea,
 8 Pyrus aucuparia,
 1 " " pendula,
 7 " Hyb. quercifolia,
 6 Rhamnus catharticus,
 15 Rhus cotinus,
 10 Ribes aureum,
 3 Salix babylonica,
 3 " caprea pendula,
 5 " vitellina,
 5 " " Britzensis,
 21 Sambucus n. aurea,
 5 " " laciniata,
 22 Spiraea Bumalda,
 15 " callosa,
 15 " opulus aurea,
 4 " prunifolia,
 87 " Van Houttei,
 15 Symphoricarpu vulgaris,
 65 Syringa vul. alba,
 16 " " Gloire de Loraine,
 10 Syringa vul. Jaques Calot,
 9 " " Lovaniensis,
 14 " " Ludig Spaeth,
 9 Tamarix chinensie,
 7 " gallica,
 3 Tilia platyphilla,
 3 " " laciniata,
 25 Ulmus americana,
 12 " campestre stric. pur.
 18 " montana,
 2 " " camperdown pend.,
 10 Viburnum cassinoides,
 10 " lantana,
 25 " opulus.

Clark Park.





PALMER PARK CASINO.

5 *Acer platanoides*,
 18 *Achillea ptarmica* fl. pl.
 24 *Berberis Thunbergii*,
 5 *Cornus sanguinea*,
 6 *Forsythia viridissima*.
 1 *Gingko biloba*,
 4 *Kerria japonica*,

4 *Ligustrum laurifolium*,
 6 *Magnolia con. Soulangeana*,
 8 *Philadelphus foliis aureis*,
 2 *Prunus pissardi*,
 6 *Spiraea prunifolia*,
 2 *Ulmus americana*.

Clinton Park.

2 *Acer d. Wierii*,
 2 " *saccharium*,
 2 *Calycanthus floridus*,
 6 *Cydonia japonica*,
 4 *Eulalia univittata*,
 4 *Hypericum Moserianum*,
 5 *Philadelphia grandi. speciosissimus*,
 2 *Prunus j. roseo pleno*,

6 *Prunus pissardi*,
 2 *Ribes aureum*,
 1 *Rosea setigera*,
 3 *Sambucus n. aurea*,
 10 *Spiraea Bumalda*,
 8 " *prunifolia*,
 7 " *Thunbergii*,
 4 *Symphoricarpus racemosus*,
 4 *Viburnum lantana*,

Crawford Park.

3 *Acer d. Wierii*,
 10 " *poly. atropurpureum*,
 10 " " *atro. dis.*,
 10 " " *aureum*,
 10 " " *filicifolium*,
 3 *Aralia japonica*,
 3 " *mandshurica*,
 25 *Azelea mollis*,
 25 *Berberis Thunbergii*,
 25 " *vul. purpurea*,
 4 *Betula a. Youngii*,
 2 *Cercis japonica*,
 9 *Clethra alnifolia*,
 10 *Cornus mas. vari.*,
 9 " *san. elegan. vari.*,
 6 " *Spaethi*,
 10 *Corylus a. purpurea*,
 30 *Deutzia cre. P. of R.*,
 10 *Diervilla candida*,
 10 " *rosea*,
 10 " " *nana vari.*,
 12 *Elaeagnus longipes*,
 10 *Euonymus latifolius*,
 10 *Exochordia grandiflora*,
 2 *Fagus s. pendula*,

20 *Hypericum Kalmianum*,
 10 " *Moserianum*,
 25 *Kerria j. argentea variegata*,
 4 *Koelreuteria paniculata*,
 4 *Magnolia macrophylla*,
 2 *Magnolia tripetala*,
 2 *Morus nigra Tee's weeping*,
 2 *Phellodendron amurense*,
 10 *Philadelphus foliis aureis*,
 2 *Prunus persica stricta*,
 2 " *psuda cerasus pendula*,
 8 *Prunus pissardi*,
 10 *Sambucus aurea*,
 2 *Sciadopitys verticillata*,
 20 *Spiraea Billardii*,
 10 " *opusulus aurea*,
 10 " *Thunbergii*,
 15 *Symphoricarpus vulgaris*,
 20 " *vul. vari.*,
 10 *Tamoxia chinensis*,
 2 *Tilia platyphylla laciniata*,
 2 *Ulmus montana Wredei aurea*.

Grand Circus Park.

10 *Calycanthus floridus*,
 10 *Cydonia japonica*,
 10 *Exochordia grandiflora*,
 4 *Platanus orientalis*,

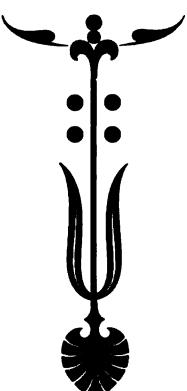
5 *Prunus pissardi*,
 3 *Pyrus aucuparia*,
 20 *Syringa, persica*,
 10 *Viburnum lantana*.

Macomb Park.

Harmonie Park.

- 2 Acer plant. Schwerdleri,
 7 " poly atropurpureum,
 7 " " atro. dis.,
 15 Berberis Thunbergii,
 20 " vul. purpurea,
 2 Betula alba laciniata,
 2 " " Youngii,
 20 Buxus sempervirens argentea,
 4 Calycanthus floridus,
 5 Chionanthus virginica,
 6 Clethra alnifolia,
 4 Corylus a. laciniata,
 10 Deutzia crenata fl. pl.,
 10 " gracilis,
 5 Exochordia grandiflora,
 1 Fagus s. pendula,
 1 Gymnocladus canadensis,
- 15 Hydrangea paniculata
 grandi.,
 10 Hypericum Kalmianum,
 10 Kerria japonica,
 10 " " variegata,
 25 Ligustrum Ibota,
 6 " ovalifolium,
 1 Magnolia acuminata,
 10 Philadelphus pubescens,
 3 Prunus pissardi,
 8 Rosa multiflora,
 3 " Wichuriana,
 5 Sambucus N. aurea,
 10 Spiraea prunifolia,
 12 " Van Houttei,
 4 Tamarix chinensis,
 8 Viburnum plicatum.

Medbury Park.

- 
- 2 Acre d. Wierii,
 4 " poly. atropurpureum,
 2 Ailanthus glandulosa,
 4 Aralia spinosa,
 5 Azalea mollis,
 45 Berberis Thunbergii,
 12 Betula alba,
 2 " a. Youngii,
 3 Catalpa Bungei,
 2 " speciosa,
 3 Celtis occidentalis,
 12 Chionanthus virginica,
 10 Cydonia jap. alba,
 12 Deutzia crenata fl. pl.,
 5 Diervilla grandiflora,
 5 " r. Koesteriana vari.,
 10 Elaeagnus longipes,
 8 Eulalia grac. univit.,
 2 Fagus s. pendula,
 2 " " Riversii,
 6 Forsythia virridissima,
 5 Fraxinus americana,
 3 Gymnocladus canadensis,
 8 Halesia tetraptera,
 5 Helianthus multiflora fl. pl.,
 5 Hibiscus s. Leopoldi fl. pl.,
 5 " s. rubro pl.,
- 15 Hydrangea paniculata
 grandi.,
 12 Hypericum Moserianum,
 8 Kerria japonica,
 3 Koelreuteria paniculata,
 12 Ligustrum vul. alba marg.,
 8 Lonicera fragrantissima,
 5 " tartarica,
 6 " " alba,
 3 Morus n. Tee's weeping,
 15 Paeonia albiflora,
 6 Philadelphus Gordonianus,
 6 " pubescens,
 8 Prunus pissardi,
 8 Pyrus aucuparia,
 12 " Malus Bechtelii,
 10 Rhodotypos kerroides,
 2 Rhus cotinus,
 5 Ribes aureum,
 4 Sambucus aurea,
 10 Spiraea Bumalda,
 4 " opulus aurea,
 8 " Thunbergii,
 20 Symphoricarpuis racemosa,
 8 Syringa vul. Alfred Colomb,
 6 " " Beranger,
 6 " " Mad. Lemoine.

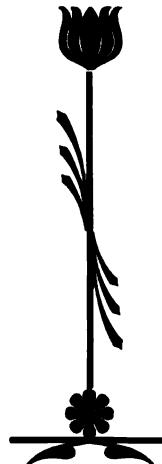
3 *Abies balsamea*,
 3 *Acer d. Wierii*,
 4 " *plat. Schwedleri*,
 16 *Berberis Thunbergii*,
 17 " *vul. purpurea*,
 4 *Betula alba*,
 3 " " *laciniata*,
 8 *Calycanthus floridus*,
 3 *Cornus san. elegantis.*,
 8 *Deutzia crenata*,
 9 *Diervilla rosea*,
 5 " *r. Sieboldii*,
 4 *Fagus s. tricolor*,
 12 *Forsythia suspensa*,
 4 *Ginkgo biloba*,
 24 *Hydrangea paniculata*
 grandi.,
 3 *Liquidamber styraciflua*,

10 *Lonicera tartarica*,
 2 *Morus nigra Tee's weeping*,
 2 *Negundo aceroides*,
 2 *Picea alba*,
 4 *Pinus austriaca*,
 1 " *sylvestris*,
 8 *Philadelphus coronarius*,
 8 *Prunus pennsylvanica*,
 7 " *pissardi*,
 3 *Pyrus Hyb. quercifolia*,
 4 *Ribes Gordonianum*,
 4 *Sambucus n. aurea*,
 10 *Spiraea Billardii*,
 8 " *callosa*,
 12 " *Van Houttei*,
 4 *Syringa persica*,
 4 *Tamarix chinensis*,
 4 *Thuya o. pyramidalis*.

Owen Park.

4 *Acer d. Wierii*,
 9 " *platanoides*,
 4 *Amorpha fragrans*,
 6 *Berberis icicolia*,
 20 " *Thunbergii*,
 8 " *vul. purpurea*,
 7 *Betula alba*,
 11 " " *laciniata*,
 6 *Calycanthus floridus*,
 3 *Catalpa*, *speciosa*,
 8 *Celtis occidentalis*,
 10 *Cercis canadensis*,
 5 *Clethra alnifolia*,
 10 *Colutea arborescens*,
 5 *Cornus alternifolius*,
 15 " *sanguinea*,
 6 " *san. elegan vari.*,
 4 *Corylus a. laciniata*,
 2 " " *purpurea*,
 8 *Cydonia japonica*,
 10 *Deutzia crenata P. of R.*,
 18 *Diervilla grandiflora*,
 24 " *rosea*,
 10 " " *Kosteriana vari.*,
 10 *Diervilla rosea*, *Sieboldii*
 alba margi.,
 8 *Elaeagnus hortensis*,
 6 *Erianthus Ravennae*,
 12 *Eulalia jap. grac. univit.*,
 14 " " *zebrina*,
 4 *Euonymus atropurpurus*,
 6 " *jap. nanus*,

2 *Ginkgo biloba*,
 12 *Gymnocladus canadensis*,
 8 *Halesia tetraptera*,
 24 *Hibiscus S. Lady Stanley*,
 24 " " *rubro pl.*,
 24 " " *toton albus*,
 4 *Hypericum aureum*,
 8 *Kerria jap. argentea vari.*,
 5 *Ligustrum laurifolium*,
 16 " *vul. glaucum*,
 10 *Liodenderon tulipifera*,
 6 *Liquidamber styraciflua*,
 18 *Lonicera Alberti*,
 6 " *fragrantissima*,
 7 " *tartarica*,
 15 " *tar. bella albida*,
 3 *Magnolia acuminata*,
 5 " *glauca*,
 5 *Morus n. Tee's weeping*,
 18 *Pavia alba*,
 4 *Paulownia imperialis*,
 3 *Philadelphus foliis aureis*,
 10 " *Gordonianus*,
 5 *Picea excelsa*,
 7 *Prunus jap. fl. albo pl.*,
 4 " *myrobalana fl. pl.*,
 8 " *pissardi*,
 4 " *psuda cerasus pend.*,
 2 *Ptelea trifoliata*,
 2 " " *aurea*,
 10 *Pyrus aucuparia*,
 9 " *M. spec. fl. albo pl.*,
 9 " " " " *roseo "*

Perrier Park.



CITY HALL LAWN.

- 14 *Rhodotypus kerroides*,
 10 *Rhus cotinus*,
 10 " *glabra laciniata*,
 7 " *Osbeckii*,
 9 *Ribes aureum*,
 4 *Rosa multiflora*,
 5 *Salix caprea pendula*,
 20 *Sambucus N. arcea*,
 6 " *variegata*,
 7 *Spiraea Bumalda*,
 18 " *callosa*,
 6 " *op. aurea*,
 24 " *prunifolia*,
 17 " *Thunbergii*,
 30 " *Van Houttei*,
 16 *Symporicarpus racemosus*,
 56 " *vulgaris*,
- 25 *Symporicarpus vul. vari.*, **Perrien Park (Continued.)**
 16 *Syringa persica*,
 11 " " *alba*,
 8 " *vul. Chas. X.*,
 4 *Tamarix chinensis*,
 8 *Thuya occidentalis*,
 2 " *o. aurea*.
 4 " *pyramidalis*,
 8 " *Siberica*,
 2 *Tilia platyphilla aurea*,
 16 *Ulmus americana*,
 6 *Viburnum opulus*,
 4 " *op. nanum*,
 24 " *" sterilis*,
 7 " *plicatum*,
 3 *Xanthoceras sorbifolia*.

- 1 *Acer d. Wierii*,
 5 " *platanoides*,
 2 " " *Schwedleri*,
 12 *Berberis Thunbergii*,
 12 " *vul. purpurea*,
 10 *Deutzia crenata*,

- 12 *Diervilla r. Stelzneri*,
 30 *Hydrangea paniculata*
 grandi.,
 2 *Prunus pissardi*,
 8 *Viburnum opulus*.

Stanton Park.

- 5 *Acer plat. Schwedleri*,
 6 " *poly. atropur*,
 6 " " " *dis.*,
 6 *Aesculus H. albo fl. pl.*,
 6 *Aralia spinosa*,
 4 *Berberis Siberica*,
 8 " *sinensis*,
 50 " *Thunbergii*,
 6 *Betula alba*,
 6 " *a. laciniata*,
 3 " " *Youngii*,
 5 *Ceonathus americanus*,
 5 *Chionanthus virginica*,
 7 *Euonymus jap. nanus*,
 5 *Fagus s. incisa pendula*,
 2 " " *Riversii*,
 12 *Halesea tetraptera*,
 7 *Hydrangea paniculata*
 grandi.,
 7 *Hypericum Kalmianum*,
 4 *Koelreuteria paniculata*,

- 5 *Liquidaneber styraciflua*,
 6 *Magnolia macrophilla*,
 4 " *con. Soulangeana*,
 1 *Picea alba*,
 2 " *ex. pendula*,
 3 " *pungens*,
 5 *Ptelea trifoliata*,
 6 " " *aurea*,
 1 *Pyrus aucu. pendula*,
 2 *Quercus Cercis*,
 12 *Spiraea Bumalda*,
 10 " *crataegifolia*,
 4 " *opus aurea*,
 8 " *Thunbergii*,
 8 " *tomentosa*,
 10 *Symporicarpus vulgaris*,
 12 " *vul. vari.*,
 4 *Tilia vulgaris (europaea)*,
 2 *Ulmus montana Camper-*
 down,

Washington Parkway.

- 2 *Acer plat Schwedleri*,
 10 *Berberis vul. purpurea*,
 4 *Calycanthus floridus*,
 10 *Diervilla grandiflora*,
 10 " *rosea*,

- 2 *Koelreuteria paniculata*,
 1 *Populus monilifera aurea*,
 2 *Purnus pissardi*,
 6 *Ribes aureum*,
 3 *Ulmus americana*.

West Park.

Boulevard.



6	Acer campestre,	89	"	m. variegata,
28	" d. Wierii,	112	"	sanguinea,
116	" platanoides,	35	"	san. elegan. vari.,
5	plat. Reitenbachi,	55	"	Spaethi
19	" " Schwedleri,	16	"	stolonifera,
16	" poly atropurpureum	12	Corylus a. laciniata,	
16	" psudo plat. purpurea,	37	" " purpurea,	
2	" " tricolor,	10	Crataegus apiifolia,	
5	" tar. grinnala,	30	" coccinea fl. pl.,	
130	" saccharinum.	10	" coc. Gumpfperii	
18	Aesculus Hippocastanum,		bicolor,	
6	H. fol. aureo vari.,	33	Crataegus coc. Pauli fl. pl.,	
19	" fl. albo pl.,	4	" ox. rosea-superba,	
8	" " rubro pl.,	3	" candida pleno,	
3	" " Memmingerii,	6	" pyramidalis,	
6	" " nana Van Houttei,	67	Cydonia japonica,	
20	Ailanthus glandulosa,	52	" " alba,	
12	Alnus glutinosa,	16	Daphne Mezereum,	
38	Amorpha fruticosa,	115	Deutzia crenata,	
60	Ampelopsis quinquefolia,	94	" " P. of R.,	
50	" Veitchii,	38	gracilis,	
15	Aralia pentifolia,	20	scabra,	
12	" spinosa,	18	Diervilla candida,	
6	Azalea mollis,	33	grandiflora,	
8	Berberis aquifolium,	44	rosea	
6	" icifolia,	8	r. Diesboisii,	
123	" Thunbergii,	8	" Graenewegeni,	
253	" vul. purpurea,	32	" Kost. fol. vari.,	
41	Betula alba,	66	" nana fol. vari.,	
12	a. pend. lacin.,	46	" Seboldii albo	
5	" " purpurea		margi.,	
10	" " pyramidalis,	16	Diervilla r. Stelznerii,	
18	" Youngii pend.,	8	" Symondsi,	
35	Calycanthus floridus,	22	Elaeagnus argentea,	
12	Catalpa Bungei,	23	" hortensis,	
7	" big. aurea,	48	longipes,	
4	" " vari.,	20	Eulalia j. grac. univit.,	
3	" " pur.,	28	" zebrina,	
43	" speciosa,	24	Euonymus atropurpureus,	
19	Celtis occidentalis,	56	" europaeus,	
14	Ceonathus americanus,	6	" jap. nanus,	
44	Cercis canadensis,	20	Exochordia grandiflora,	
18	" japonica	7	Fagus S. incisa.	
24	Chionanthus virginica,	6	" pendula,	
10	Celastrus scandens,	11	" pur. Riversii,	
33	Cladrastris tinctoria,	6	" tricolor,	
45	Clethra alnifolia,	16	Forsythia suspensa,	
21	Colutea arborescens	29	" viridissima,	
25	Cornus alternifolius,	57	Fraxinus americana,	
60	" floridus,	3	" am. argentea	
38	" fl. rubro,		margi.,	
		16	Fraxinus am. aucubaefolia,	

		Boulevard.
20	<i>Fraxinus excelsior</i> ,	8 <i>Pinus cembra</i> ,
2	“ <i>ex. atrovirens</i> ,	2 “ <i>mugho</i> ,
2	“ “ <i>aurea</i> ,	10 “ <i>strobis</i> ,
2	“ “ <i>cuculata</i> ,	10 “ <i>sylvestris</i> ,
5	“ “ <i>pendula</i> ,	227 <i>Platanus orientalis</i> ,
12	<i>Gingko biloba</i> ,	146 <i>Populus fastigata</i> ,
9	<i>Gymnocladus canadensis</i> ,	20 “ <i>monilifera</i> .
30	<i>Halesia tetraptera</i> ,	55 <i>Purnus j. fl. albo pl.</i> ,
25	<i>Hibiscus S. Boule de Fue</i> ,	35 “ “ <i>rubro pl.</i> ,
45	“ <i>Leopoldii fl. pl.</i> ,	11 “ “ <i>rosea pend.</i> ,
25	“ <i>paeoniflora</i> .	26 “ <i>myrl. fl. pl.</i> ,
41	“ <i>rubro pl.</i> ,	163 “ <i>pissardi</i> ,
51	“ <i>toton albus</i> ,	8 “ <i>spinosa fl. pl.</i> ,
90	“ <i>vari. fl. pl.</i> ,	18 <i>Ptelea trifoliata</i> ,
13	“ <i>violacea fl. pl.</i> ,	14 “ “ <i>aurea</i> ,
138	<i>Hydrangea paniculata</i>	10 <i>Pyrus americana</i> ,
	grandi.,	10 “ “ <i>nana</i> ,
33	<i>Hypericum Kalmianum</i> ,	3 “ <i>aria</i> ,
40	“ <i>prolificum</i> ,	68 “ <i>aucuparia</i> ,
70	<i>Kerria jap. argentea vari.</i> ,	4 “ “ <i>pend.</i> ,
43	<i>Koelreuteria paniculata</i> ,	26 “ <i>Hyb. quercifolia</i> ,
43	<i>Ligustrum laurifolium</i> ,	24 “ <i>M. coronaria odorata</i> ,
92	“ <i>ovalifolium</i> ,	28 “ <i>Bechtelii</i> ,
60	“ <i>vul. boxifolium</i> ,	6 “ <i>flori. atrosan.</i> ,
82	“ <i>glau. fol.</i>	25 “ <i>Parkmanni</i> ,
	margi.,	35 “ <i>spec. fl. albo pl.</i> ,
248	<i>Liriodendron tulipifera</i> ,	29 “ “ “ <i>rubro pl.</i> ,
51	<i>Liquidamber styraciflua</i> ,	10 <i>Quercus alba</i> ,
42	<i>Lonicera Alberti</i> ,	2 “ <i>Cercis</i> ,
53	“ <i>fragrantissima</i> ,	9 “ <i>coccinea</i> ,
50	“ <i>Halleana</i> ,	2 “ <i>Dianeo</i> ,
47	“ <i>tartarica</i> ,	2 “ <i>dentata</i> ,
35	“ <i>tar. bella albida</i> ,	7 “ <i>imbreccaria</i> ,
26	<i>Magnolia acuminata</i> ,	5 “ <i>macrocarpa</i> ,
12	“ <i>glaуca</i> ,	5 “ <i>Phelllos</i> ,
30	“ <i>con. Soulangeana</i> ,	10 “ <i>Prinus</i> ,
26	<i>Morus n. Tee's weeping</i> ,	5 “ <i>repanda</i> ,
8	<i>Myrica cerifera</i> ,	8 “ <i>Robur</i> ,
26	<i>Negundo aceroides</i> ,	3 “ <i>Rob. ped. atropur</i> ,
52	<i>Pavia alba</i> ,	2 “ “ “ <i>aspensi-</i>
6	<i>Phellodendron amurense</i> ,	<i>folia</i> ,
34	<i>Philadelphus coronarius</i> ,	4 <i>Quercus</i> “ “ <i>concordia</i> ,
273	“ <i>foliis aureis</i> ,	4 “ “ “ <i>nigra</i> ,
65	“ <i>Gordonianus</i> ,	4 “ <i>rubra</i> ,
79	“ <i>grandi. spec-</i>	2 <i>Retinospera aurea</i> ,
	<i>iosissimus</i> ,	6 “ <i>plumosa</i> ,
8	<i>Philadelphus laxus</i> ,	4 “ <i>squarrosoa</i> ,
44	“ <i>pubescens</i> ,	28 <i>Rhamnus catharticus</i> ,
20	<i>Picea alba</i> ,	76 <i>Rhodotypus kerroides</i> ,
47	“ <i>excelsa</i> ,	93 <i>Rhus cotinus</i>
6	“ <i>pungens</i> ,	74 “ <i>copalina</i> ,
4	<i>Pinus excelsa</i> ,	10 “ <i>glabra laciniata</i> ,



Boulevard.



- 8 *Rhus Osbeckii*,
 100 *Ribes aureum*,
 13 *Rosa multiflora*,
 16 " *rugosa*,
 63 " *setigera*,
 10 " *Wichuriana*,
 16 *Salix caprea pendula*,
 10 " *vitellina aurantica*,
 13 " " *Britzensis*,
 45 *Sambucus n. aurea*,
 44 " " *variegata*,
 59 *Spiraea Billardii*,
 26 " *Bumalda*,
 27 " *callosa*,
 15 " *crataegifolia*,
 35 " *crenata*,
 20 " *lanceolata*,
 22 " *op. aurea*,
 96 " *prunifolia*,
 22 " *Reevesii*,
 18 " *sorbifolia*,
 147 " *Thunbergii*,
 164 " *Van Houttei*,
 03 *Staphylea colchica*,
 60 *Syphoricarpus racemosus*,
 76 " *vulgaris*, 20 " "*Prest Grevy*,
 34 " *vul. vari.*, 5 " "*Massart*,
 5 *Syringa japonica*, 43 " "*Princess Alex-*
 5 " *ligustrina Pekensis*
 pend., 5 *" " noisettina alba*,
 48 *Syringa persica*, 15 " "*nubia*,
 24 " " *alba*, 20 " "*Stockhardt*,
 36 " *rothoniagensis* 5 " "*pyramidalis*,
 rubra, 5 " "*renoncule*,
 13 *Syringa siberica alba*, 5 " "*rubella plena*,
 38 " *vul. alba*, 105 " "*rubra insignia*,
 15 " " *Albert the* 5 " "*Senateur Vol-*
Good, 10 *Syringa vul. ville de Troys*,
 12 *Syringa " Alfred Colomb*, 20 " "*verginalis*,
 5 " " *Alphonse Lav-* 5 " "*virginite*,
 elle, 10 *Tamarix africana*,
 5 *Syringa " Beranger*, 31 " "*chinensis*,
 15 " " *cerulea sup-* 2 *Taxodium distichum*,
 erba, 5 *Syringa " Charlemburg*, 28 *Thuya occidentalis*,
 21 " " *Chas. X.*, 2 " "*oc. aurea*,
 5 " " *Colmariensis*, 4 " "*globosa*,
 5 " " *Condorset*, 4 " "*compacta*,
 5 " " *Emile Lemoine*, 4 " "*Geo. Peabody*,
 5 " " *fl. pl.*, 7 " "*pyramidalis*,
 25 " " *Frau Dam-* 10 " "*siberica*,
 mann, 4 " "*Vervaeneana*,

75	<i>Tilia americana,</i>	34	<i>Ulmus mon. Huntingdonii,</i>	Boulevard.
22	" <i>platyphilla,</i>	2	" " <i>Wredei aurea,</i>	
13	" " <i>alba</i>	15	<i>Viburnum casenoides,</i>	
23	" " " <i>pend.,</i>	6	" <i>lantana,</i>	
16	<i>Ulmus americana,</i>	90	" <i>Napelense,</i>	
5	" <i>c. Dampierreii aurea,</i>	205	" <i>opus,</i>	
3	" <i>stricta purpurea,</i>	16	" " <i>nanum,</i>	
5	" <i>vari. argentea,</i>	100	" " <i>sterilis,</i>	
11	" <i>subrosa.</i>	85	" <i>plicatum,</i>	
9	" <i>Dovei,</i>	10	" <i>pyrifolium,</i>	
107	" <i>montana,</i>	60	<i>Yucca filamentosa,</i>	
13	" <i>mon. Camperdown</i>	22	<i>Xanthoceras sorbifolia.</i>	
	pend.,			



OSTRICHES, BELLE ISLE.



"Like a foundling in slumber, the summer day lay
On the crimsoning threshold of even."

CLARK PARK.

Secretary's Report.

*To the Honorable, the
Commissioners of Parks and Boulevards :*

IHAVE the honor to herewith submit the annual Financial Statement of the Commissioners of Parks and Boulevards for the fiscal year just past, from July 1st, 1897, to June 30th, 1898, both days inclusive, showing cash balances at the close of business on June 30th, as follows:

Boulevard Right of Way Fund,	- \$1,357.86
Park and Boulevard Fund,	- 8,245.76

as certified to by the Deputy City Controller hereto attached.

Respectfully submitted,

M. P. HURLBUT,
Secretary.

RECEIPTS.

Cash Balance, July 1st, 1897.....	\$3,382 00
Appropriation, 1891, Collections.....	\$ 20 55
" 1892, "	37 08
" 1893, "	114 79
" 1894, "	509 07
" 1895, "	1,250 62
" 1896, "	5,404 29
" 1897, "	124,463 21
" 1883, " City Bids	87
" 1884, " "	2 53
" 1886, " "	1 06
" 1888, " "	2 64

RECEIPTS—Continued.

Appropriated, 1889, Collections, City Bids	\$ 9 91
" 1890, " "	9 68
" 1857, " "	10
" 1880, " "	04
" 1881, " "	04
" 1885, " "	1 43
" 1887, " "	55
" 1894, B. I. Bridge Salaries	19 70
" 1895, " "	46 77
	————— 131,894 93
Special App'n for Imp't City Hall Lawn.	2,000 00
Uncalled for checks deposited City Treas.	118 78
Public Lighting Com'n Trans. House....	500 00
Ferry Licenses.....	30 00
Bicycle Privilege	710 00
Pony Privilege	250 00
Boat Privilege	500 00
Skating Pavilion Privilege.....	400 00
Casino Privilege.....	3,774 81
Sale of Feed.....	93 68
Horseshoeing	14 50
Sale of old Iron.....	20 51
Donation—Bicycle Livery, W. S. M. Co..	200 00
Sale of Ice—Belle Isle...	22 60
Phaeton Receipts	5,966 95
Bath House Receipts.....	1,262 55
Inspection Fees, B'rd.....	1 25
Rent of Boats, Palmer Park	2 97
Damages for Tree, Palmer Park.....	6 00
Sale of Ice, Palmer Park.....	13 16
Casino Privilege, 15¢ on sales, Palmer Pk.	6 82
Sale of Pig Lead, Palmer Park.....	85 66
Rebate on Casino Furniture, Palmer Pk.	15 00
State App'n to Soldiers' Monument.....	100 00
	————— \$151,372 17
July 1, 1897. Cash balance	2,157 86
	————— \$153,530 03



EXPENDITURES.

Belle Isle Maintenance.

Cutting grass, raking leaves, & gen'l lab.	\$5,975 23
Bicycle Stands..	84 50
Swings.....	82 64
Flag and Staff...	187 26
Signs.....	71 60

EXPENDITURES—Continued.

Bridge Approach, Jefferson Avenue..	75 56	
Rustic work.....	57 90	
Settees	353 10	
Driving Track	64 33	
Base Ball grounds	39 67	
Buffalo and Elk Park	74 49	
Deer Park	27 09	
Fuel.....	694 58	
Material and Supplies	182 76	
		\$7,970 71

Casino.....	\$1,947 72	Buildings.
Picnic Pavilions.....	274 61	
Band Stand	150 17	
Inselruhe	83 94	
Barn	196 31	
Skating Pavilion	1,008 81	
Ice House.....	93 60	
Bath House.....	141 97	
Boat House.....	38 75	
Transformer House.....	623 28	
Greenhouse	456 82	
Furniture and Fixtures.....	284 11	
Buildings generally.....	175 89	
Bicycle Livery.....	529 58	
Shelter Pavilion.....	5 92	
		6,011 48

Nurserymen	\$ 648 35	Green House.
Planting and Care of Flower Beds	5,121 07	
Trees, Planting and Care of.....	1,283 34	
Nursery, Belle Isle	486 85	
Greenhouse Stock, Pots, etc.....	129 25	
Belle Isle Bridge App'ch, Flower Beds....	22 00	
Greenhouse, Construction.....	662 34	
		8,353 20

Beaches, Cleaning	\$ 180 03	Lakes and Canals.
Canals, Cleaning	172 54	
Fish Lake.....	107 43	
Skating Lake, Maintenance.....	813 64	
		1,273 64

Care of Closets.....	\$ 908 37	Closets and Cesspools.
Repairs, Closets..	108 52	
Toilet Material	119 25	
		1,136 14

EXPENDITURES—Continued.

Decks and Bridges.	Care of Docks	\$ 186 22
	Repairs, Docks.....	254 89
	Repairs to Bridges	329 33
		<u>770 44</u>
Barns and Horses.	Care of Barns and Horses.....	\$2,686 11
	Vehicles, Repairs	2,036 77
	Horseshoeing	412 26
	Harness, Repairs, etc.....	183 83
	Supplies	277 85
	Forage.....	2,046 60
	Horses, Purchase	516 39
		<u>8,159 81</u>
Tools and Implements.	Repairs to Tools and Implements.....	\$ 998 24
	Purchase of Tools and Implements	2,151 81
		<u>3,150 05</u>
Water System.	Repairs	\$ 315 58
	Drinking Fountains	239 52
	Ice and Water to Drinking Tanks.....	351 04
	Cutting Ice and Filling Ice House	415 74
	Repairs to Ice Water Tanks.....	97 35
		<u>1,419 23</u>
Menagerie.	Care of Animals.....	\$ 439 30
	Feed	1,151 10
	Material and Supplies.....	27 13
	Cages, Construction and Repair.....	1,094 66
	Animals, etc., Purchase	365 63
		<u>3,077 82</u>
Roads and Walks.	Maintenance Roads,.....	\$2,563 42
	Sprinkling Roads.....	211 08
	Hitching Boys.....	67 00
	Maintenance Walks.....	472 58
		<u>3,314 08</u>
Miscellaneous.	Electric Light Plant, Repairs	\$ 262 20
	Salary, Electrician	75 00
	Salary, Belle Isle Bridge Employes.....	402 50
	Insurance.....	1,015 76
	Concerts, Belle Isle.....	1,300 25
	South E. Lake.....	30
	Incidentals	152 75
		<u>3,208 76</u>
Phaeton Service.	Phaeton Service.....	3,026 07
Bath House Service.	Bath House Maintenance.....	1,154 27
	TOTAL BELLE ISLE MAINTENANCE.....	\$52,025 40

EXPENDITURES—Continued.

Drainage.....	\$ 201 85
General Improvement Grounds	61 24
Shaded Walk.....	652 81
Trees, Plants and Shrubs.....	402 91
Belle Isle Bridge Approach, Belle Isle.....	165 50
Foot Bridge near Power House.....	92 60

TOTAL, FOR IMPROVEMENTS \$ 1,576 91

Care takers	\$2,536 24
Maint. and Re-Surfacing Roadways	4,813 44
Sprinkling Roadways	644 16
Maintenance Lawns	756 11
Planting and Care of Flower Beds.....	129 80
Water System, Repairs.....	150 64
Trees and Shrubs, Care of	791 27
Signs	16 62
Sidewalks, Repairs.....	149 81
General Maintenance.....	62 50

TOTAL, FOR MAINTENANCE 10,050 59

Subway.....	\$ 6,089 61
Toledo and Myrtle.....	3,125 18
Viaduct.....	3,238 40
Speeding Track	684 10
Sidewalks, Construction	567 04
Intersections	372 38
Trees and Shrubs.....	2,483 77
Planting Trees and Shrubs	2,989 37
Painting Viaduct	81 00
Improvement, Lawns.....	440 61

TOTAL, FOR IMPROVEMENTS 20,071 46

General Maintenance of Grounds	\$ 1,853 55
Planting and Care of Flower Beds	286 44
Swings	25 25
Bicycle Stands	18 50
Roads and Bridges	190 00
Forage.	47 70
Wind Mill	20 36
Pavilions	81 97
Cutting Ice and Filling Ice House.....	88 27

Nursery at Palmer Park

2,612 04

134 05

Palmer Park Maintenance.**Nursery—Palmer Park.****Boulevard Maintenance.****Boulevard Improvement.**



CONCERT DAY AT BLACK ISLE PARK.

EXPENDITURES—Continued.

Water System	\$ 6,983 45	Palmer Park Improvement.
Roads and Bridges.....	4,196 27	
Improvement Grounds generally.....	3,997 41	
Lake	1,797 79	
Walks	41 62	
Casino	1,272 31	
Trees	126 32	
	—————	
	18,415 17	
General maintenance grounds	321 29	Clark Park Maintenance.
Planting and Care of Flower Beds.....	224 30	
Maintenance Roads	1 50	
Pavilions.....	5 61	
Settees.....	30 28	
Band Concerts.....	372 00	
	—————	
	954 98	
Lake	\$ 1,616 36	Clark Park Improvement.
Fountain.....	115 88	
General Improvement Grounds.....	152 19	
Rustic Work.....	42 10	
Settees, (purchase).....	175 00	
Deer Park.....	210 08	
Trees and Shrubs, (purchase).....	221 32	
Planting and Care of Trees and Shrubs....	11 00	
	—————	
	2,543 93	
General Maintenance.....	\$ 35 87	Harmonie Park Maintenance
Planting and Care of Flower Beds.....	14 25	
	—————	
	50 12	
Trees, Purchase and Planting.....	61 45	Harmonie Park Improvement.
General Maintenance	\$ 15 69	Macomb Park Maintenance.
Planting and Care of Flower Beds.....	40 81	
Walks, Maintenance	6 12	
	—————	
	62 62	
Trees, Purchase and Planting	25 27	Macomb Park Improvement.
General Maintenance.....	\$ 24 95	Crawford Park Maintenance.
Planting and Care of Flower Beds	20 15	
Maintenance Walks.....	2 40	
	—————	
	47 50	
Water System	\$ 1 50	Crawford Park Improvement.
Trees and Shrubs, purchase and planting,	37 29	
	—————	
	38 79	

EXPENDITURES—Continued.

Eaton Park Maintenance.	General Maintenance	\$ 15 70
	Planting and Care of Flower Beds	18 89
	Maintenance Walks.....	1 07
		<hr/>
		35 66
Eaton Park Improvement.	Trees and Shrubs, purchase and planting,	35 62
Medbury Park Maintenance.	General Maintenance.....	4 50
Medbury Park Improvement	Trees, purchase and planting.....	171 18
Recreation Park Maintenance.	General Maintenance.....	4 50
Recreation Park Improvement.	Trees and Shrubs purchase and planting,	222 97
Cass Park Maintenance.	General Maintenance	\$ 450 59
	Planting and Care of Flower Beds	406 87
	Fountain.....	48 98
	Maintenance Walks.....	18 76
		<hr/>
		925 20
Cass Park Improvement.	Water System	\$ 246 60
	Trees and Shrubs, Purchase and Planting,	67 06
		<hr/>
		313 66
Owen Park Maintenance.	General Maintenance	1 50
Owen Park Improvement.	Trees and Shrubs, purchase and planting, \$ 259 48	
	Water System	8 60
	General Improvement Grounds	2,831 20
		<hr/>
		3,099 28
Grand Circus Park Maintenance.	General Maintenance.....	\$ 511 90
	Planting and Care of Flower Beds.....	504 06
	Fountains.....	83 31
	Maintenance Walks.	24 96
		<hr/>
		1,124 23
Grand Circus Park Improvement.	Improvement Lawns.	\$ 83 49
	Water System	222 73
	Trees and Shrubs, planting and purchase,	160 90
		<hr/>

EXPENDITURES—Continued.

General Maintenance.....	\$ 97 92	Capitol Park Maintenance.
Planting and Care of Flower Beds.....	137 43	
Maintenance Walks.....	12 63	
Fountain.....	81 07	

	329 05	
Trees and Shrubs, purchase and planting, \$	55 07	Capitol Park Improvement.
Water System	105 28	

	160 35	
General Maintenance.....	\$ 111 23	Opera House Lawn Maintenance.
Planting and Care of Flower Beds.....	86 80	

	198 03	
General Maintenance.....	\$ 86 07	Clinton Park Maintenance.
Planting and Care of Flower Beds	49 75	
Fountain.....	21 21	
Maintenance Walks.....	4 81	

	161 84	
Trees and Shrubs, purchase and planting,	41 31	Clinton Park Improvement.
Planting and Care of Flowers	308 87	Soldier Monument Maintenance.
General Maintenance.....	\$ 90 55	West Park Maintenance.
Planting and Care of Flower Beds	25 05	
Fountain.....	17 05	
Maintenance Walks.	3 21	

	135 86	
Trees and Shrubs, purchase and planting,	36 18	West Park Improvement.
General Maintenance.....	\$ 96 60	Cadillac Park Maintenance.
Planting and Care of Flower Beds	37 29	
Maintenance Walks.	8 06	

	141 95	
Water System	\$ 106 87	Cadillac Park Improvement.
Trees and Shrubs, purchase and planting,	218 09	

	324 96	
General Maintenance	\$ 40 33	City Hall Lawn Maintenance.
Planting and Care of Flower Beds.....	34 67	
Fountains.	45 77	
Maintenance Walks.	29 91	

	150 68	

EXPENDITURES—Continued.

City Hall Laws Improvement.	Lawns.....	107 50
Stanton Park Maintenance.	General Maintenance \$ 49 13 Planting and Care of Flower Beds..... 53 20 Fountain. 42 25	144 58
Stanton Park Improvement.	Water System..... \$ 1 46 Trees and Shrubs, purchase and planting, 47 27	48 73
Campen Park Maintenance.	General Maintenance..... \$ 50 49 Planting and Care of Flower Beds .. 37 60 Fountain. 28 53 Maintenance Walks. 4 81	121 43
Campen Park Improvement.	Trees and Shrubs, purchase and planting.	36 45
Perrier Park Maintenance.	General Maintenance..... \$ 64 93 Planting and Care of Flower Beds .. 41 20	106 13
Perrier Park Improvement.	Water System..... \$ 284 42 General Improvement Grounds..... 214 77 Trees and Shrubs, purchase and planting, 637 25	1,136 44
Miscellaneous.	Washington Park, General Maintenance.. \$ 206 29 High School, Flower Beds..... 15 07 Jail, " " and Trees..... 34 45 Postoffice, Trees and Shrubs and Planting, 47 00 Police Station, Flower Beds..... 3 48	306 29
City Parks.	Care-takers, City Parks \$3,342 18 General Maintenance, " " 120 39 Fountain Covers, " " 95 88 Rent of Tool House, " " 138 79 Salary of Superintendent, " " 272 80 Settees and Signs, " " 228 35 Survey and Maps, " " Imp. 950 12	\$148 51

EXPENDITURES—Continued.

Salaries, Sec'y, Gen'l Sup't, etc.....	\$6,786 52	Administration.
Printing and Stationery.....	836 02	
Office Rent, etc.....	1,106 57	
Telephones.....	61 76	
	—————	
	8,790 87	
Loan and Interest.....	10,114 40	Loan.
Real Estate, from A. Grosfield.....	800 00	Boulevard Right of Way Fund.
TOTAL EXPENDITURES.....	143,926 41	—————
Cash Balance, Park and Boulevard Fund.....	8,245 76	
" " Boul. Right of Way Fund.....	1,357 86	
	—————	
	\$153,530 03	—————

CITY CONTROLLER'S OFFICE,
DETROIT, MICH., July 16, 1898.

I Hereby Certify, That the cash balance to the credit of the Boulevard Right of Way Fund at the close of business June 30, 1898, was..... \$1,357 86 and that the cash balance to the credit of the Park and Boulevard Fund at the close of business June 30, 1898, was..... 8,245 76

HOWARD C. BECK.

Deputy Controller.

Administration.....	\$ 7,000 00	Appropriation for 1898-9.
Green House.....	6,500 00	
Nursery	1,000 00	
Tools and Implements	500 00	
Belle Isle, Maintenance.....	32.350 00	
City Parks, "	11.500 00	
Boulevard, "	7 000 00	
Belle Isle Improvements	15.675 00	
City Parks "	15.425 00	
Boulevard "	15,400 00	
" and City Parks Improvements, (Settees)...	500 00	
Labeling Trees, general.....	500 00	
	—————	
TOTAL.....	\$113,350 00	



BUFFALO, BELLE ISLE.



ELK, BELLE ISLE.

The expenditure for the Maintenance and Permanent Improvements for a series of years has been as follows:

	Maintenance and Administration.	Permanent Improvements.	Boulevard Right-of-Way.
1889	\$ 37,295 18	\$ 60,986 01	
1890	48,221 86	123,192 03	
1891	73,821 74	105,285 42	\$ 99,477 84
1892	81,747 03	307,026 95	108,982 40
1893	86,923 35	298,140 24	842 45
1894	82,605 74	218,394 17	
1895	80,304 50	84,828 39	4,739 06
1896	78,440 38	103,085 26	33 00
1897 (to June 30)	31,884 12	7,315 53	
1897-8, Fiscal Year.....	83,127 16	49,884 85	800 00
	-----	-----	-----
	\$684,371 06	\$1,358,138 85	214,874 75

The Expenditures for Maintenance for each Department for a series of Years.

	Belle Isle, Maintenance.	City Parks, Maintenance.	Boulevard, Maintenance.	Administration.
1889	\$ 23,354 84	\$ 2,155 92	\$ 5,149 73	\$ 6,634 69
1890	28,723 85	5,212 50	7,501 60	7,783 91
1891	46,773 96	10,216 77	10,354 97	6,476 04
1892	48,244 79	11,636 62	11,411 85	10,453 77
1893	62,085 44	7,385 39	4,570 67	12,881 85
1894	52,652 10	8,221 78	12,464 92	9,266 94
1895	51,661 63	7,170 95	10,841 97	9,080 33
1896	49,222 54	10,242 97	9,979 56	9,005 31
1897 (to June 30)	21,445 16	4,742 26	3,019 20	2,677 50
1897-8, Fiscal Year,	62,140 10	12,260 00	10,050 59	8,790 87
	-----	-----	-----	-----
	\$446,304 41	\$79,245 16	\$85,345 06	\$83,051 21

The Expenditure for Improvement, for each Department for a series of Years.

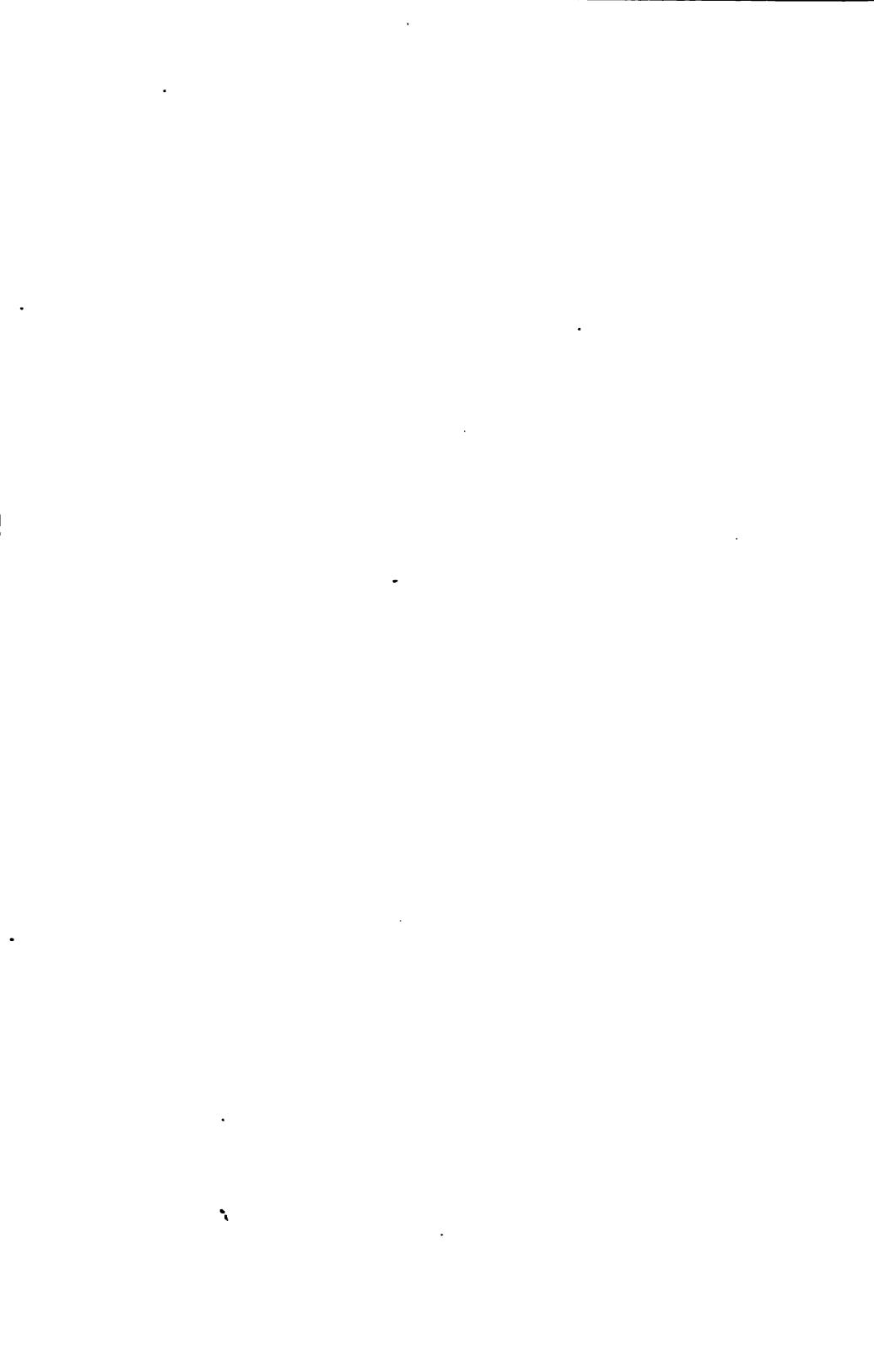
	Belle Isle Improvements.	City Parks, Improvements.	Boulevard, Improvements.	Boulevard Right-of-Way.
1889	\$ 59,562 30		\$ 1,423 71	
1890	117,629 88	\$ 2,782 79	2,779 36	
1891	85,323 70	13,927 03	6,034 69	\$ 99,477 84
1892	34,393 96	4,083 51	268,549 48	108,982 40
1893	96,602 05	5,897 67	195,640 49	842 45
1894	106,715 95	8,088 43	103,589 79	
1895	43,010 78	12,080 99	35,757 78	4,739 06
1896	30,318 42	10,198 94	53,567 90	33 00
1897 (to June 30)	6,436 59	613 31	265 63	
1897-8, Fiscal Year,	1,576 91	28,236 48	20,071 59	800 00
	-----	-----	-----	-----
	\$581,570 54	\$94,909 15	\$687,680 42	\$214,874 75

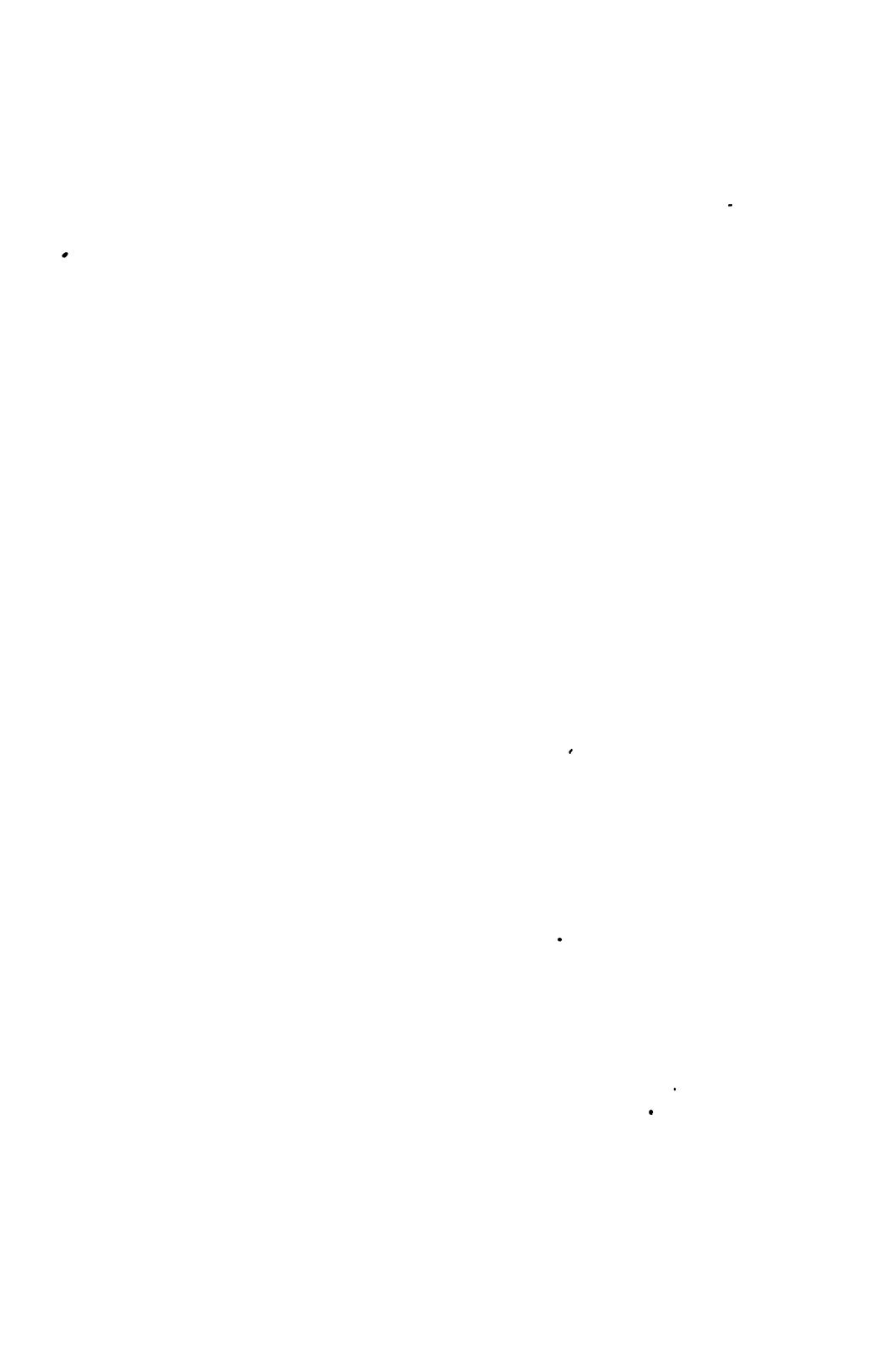


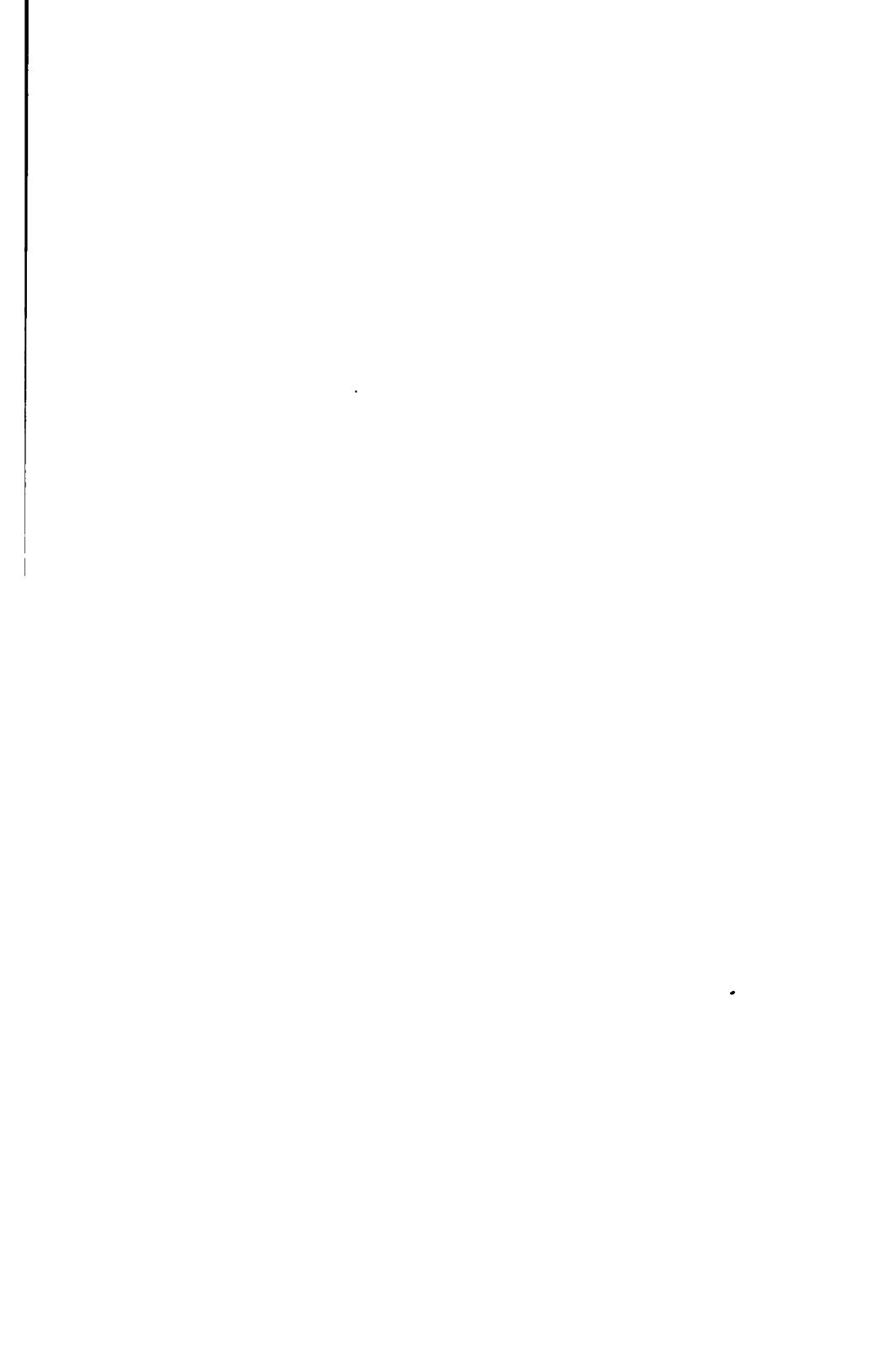
Park and Boulevard System.

NAMES	LOCATIONS	ACREAGE
Belle Isle—Island in Detroit River.....	700.000	
Cadillac—Cadillac Sq., Campus Martius to Randolph....	.970	
Campau—Campau, Mullett, and Clinton Sts.....	1.199	
Capitol—Griswold, State and Rowland Sts.....	.510	
Cass—Cass Ave., Ledyard and Bagg Sts.....	4.966	
City Hall—Woodward Ave., Fort and Michigan550	
Clark—Dix, Scotten, Howard and Clark Sts	24.731	
Clinton—St. Antoine, Mullett and Raynor Sts	1.068	
Crawford—Fifth and High Sts. W746	
Elton—Fifth and Orchard Sts740	
Grand Circus—Woodward, Adams, Park and Witherell .	5.566	
Harmonie—Randolph, Centre and North Sts ..	.448	
Macomb—17th, 18th and Rose Sts.....	.557	
Medbury—Medbury Ave., John R. to Rivard St.....	3.440	
Opera House—Woodward and Monroe Aves.....	.174	
Owen—Jefferson Ave. and River	3.900	
Palmer—Woodward Ave	133.400	
Perrien—Chene, Grandy, Hancock and Warren Ave.....	5.180	
Recreation—Brush, Brady to Alexandrine Ave....	1.290	
Stanton—17th, 18th and Porter Sts.....	.695	
Voigt—Schiller and Shakespeare Esplanades.....	9.601	
West—State and Park Place.....	.744	
Washington—Washington, Michigan to Park St.....	2.862	
TOTAL (23 PARKS)	903.337	
Boulevard mileage	11.29	









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Detroit, Mich. Dept. of Parks
and Boulevards.
Annual report.

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